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U. S. DEPARTMENT OF THE INTERIOR
PROTOTYPE OIL SHALE LEASING PROGRAM

OIL SHALE TRACT C-b
DEVELOPMENT MONITORING REPORT #5

(June 1980 through November 1980)

Submitted to:

Mr. Peter A. Rutledge
Deputy Conservation Manager - Oil Shale
Conservation Division
U. S. Geological Survey
Grand Junction, Colorado

By:

CATHEDRAL BLUFFS SHALE OIL COMPANY

TENNECO SHALE OIL COMPANY
OCCIDENTAL OIL SHALE, INC., OPERATOR

January 15, 1981

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INTRODUCTION

Regular environmental reporting for Oil Shale Tract C-b in the current phase called Development Monitoring consists of the following reports:

REPORT	SUBMITTAL DATE
Six-Month Data Reports	January 15 July 15
Annual Report	April

Development Monitoring was initiated in April, 1978. Following is a list of semi-annual data reports which have been submitted to the Deputy Conservation Manager - Oil Shale.

Report #	Date Submitted	Period of Data
Development Monitoring Report #1	January 15, 1979	April 1978 - September 1978.
Development Monitoring #2	July 15, 1979	October 1978 - April 1979.
Time Series Plots	August 15, 1979	October 1978 - April 1979.
Development Monitoring #3	January 15, 1980	May 1979 - October 1979
Time Series Plots	February 1980	May 1979 - October 1979
Development Monitoring #4	July 15, 1980	November 1979 - May 1980
Time Series Plots	August 1980	November 1979 - May 1980

This present report, Development Monitoring Report #5, contains data from June 1980 through November 1980. The time series plots will be presented as a supplemental report for this reporting period, expected to follow this report in approximately one month.

In order to maintain accuracy in the data base and reports, for errors that are found requiring corrections from previously reported data, the following actions have been taken:

1) Summary tables in this report and the C-b computerized data base reflect corrected data to the best of our knowledge.

2) Cross-reference tables to data corrections and data corrections from the preceeding data report appear in this report.

3) Cumulative correction cross-reference tables are included in this report and the data corrections will appear in the next data report.

1.0 PRE-EXPLORATION ENVIRONMENTAL RECONNAISSANCE SURVEYS

No environmental reconnaissance surveys have been conducted during the development period. The results of previous surveys are contained in Quarterly Data Reports #1 and #3 and are summarized in Summary Reports #1 and #2.

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2.1 Tract Photography

This section contains an explanation of work accomplished during the period of this report for:

2.1.1 Surface Program

2.1.2 Aerial Program

Table/Figure No.	Description	Page No.
Figure 2.1.1-1	Surface Photography	I-7
Table 2.1.1-1	Summer Landsat Overflights	I-8
Figure 2.1.1-2	CIR Photography Station	I-9

An attempt has been made to refer to all stations by their four-digit computer station codes. For cross reference of these codes with corresponding station I D, refer to Section 4.0.

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2.1.1 Surface Program

2.1.1.1 Color

Approximately 365° horizontal pans at the 35 photo points shown on Figure 2.1.1-1 were taken on June 23, 24, 25, 1980. These photos were developed as 35mm color slides and stored in a loose leaf notebook.

2.1.1.2 Color Infrared

Color infrared 35mm photos using color film with a Wratten 12 filter have been taken in 1980 on June 5 and July 11, 1980. These dates correspond to the Landsat overflight dates shown on Table 2.1.2-1. Stations are shown on Figure 2.1.1-2 corresponding to the springs and seeps locations in the vicinity of the tract. One station designated WS05 is located near the confluence of East No-Name and West No-Name Gulches near the alluvial well site A5A. This site was chosen since it was located in the drainage from the tract pond A/B discharge.

Mosaics have been developed and are reproduced first through a color print reduction and then copied with color xerox to show comparison in the growing season for dates (June 5, 1980) and (July 11, 1980). These mosaics are shown as Figures 2.1.1-3 thru 2.1.1-24 consecutively.

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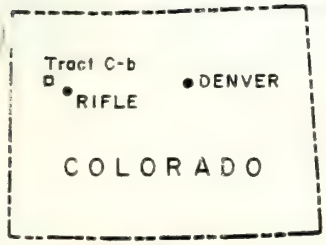
SURFACE PHOTOGRAPHY NETWORK



INDEX MAP

6P = Photo Map Station

Figure 2.1.1-1

TABLE 2.1.1-1

Summer Landsat Overflights

(Path 38, Row 32)

1980

June 5, 14, 23
July 2, 11, 20, 29
August 7, 16, 25
September 3, 12, 21, 30

Springs and Seeps Color Infrared Photo Dates

1980

June 5
July 11

FIGURE 2.1.1-2

CIR PHOTOGRAPH STATIONS

"GROUND TRUTH" SITES FOR COLOR INFRARED PHOTOGRAPHY

SPRINGS & SEEPS

FOLLOWING ARE FIGURES 2.1.1-3 thru 2.1.1-24

Springs and Seeps ColorIR

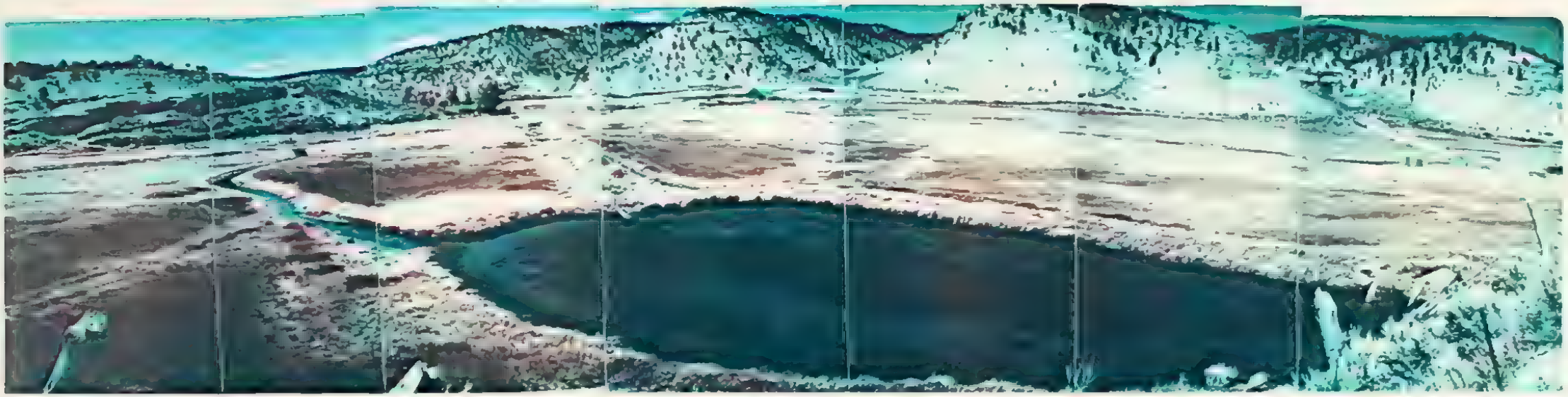


FIGURE 2.1.1-3 WSOI JUNE

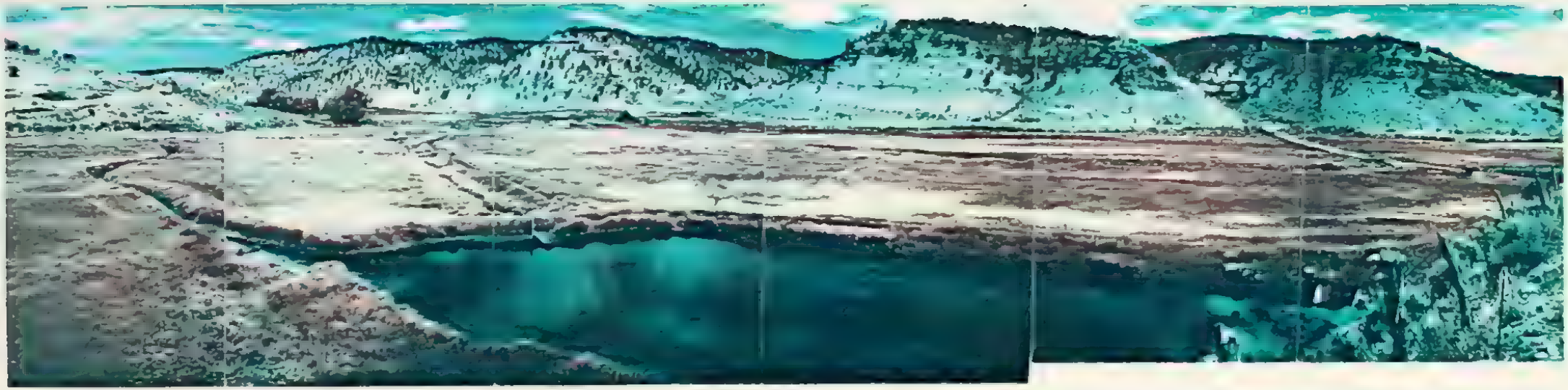


FIGURE 2.1.1-4 WSOI JULY

FIGURE 2.1.1-5 WSO2 JUNE

FIGURE 2.1.1-6

WSO2 JULY

FIGURE 2.1.1-7

WS03 JUNE

FIGURE 2.1.1-8 WSO3 JULY

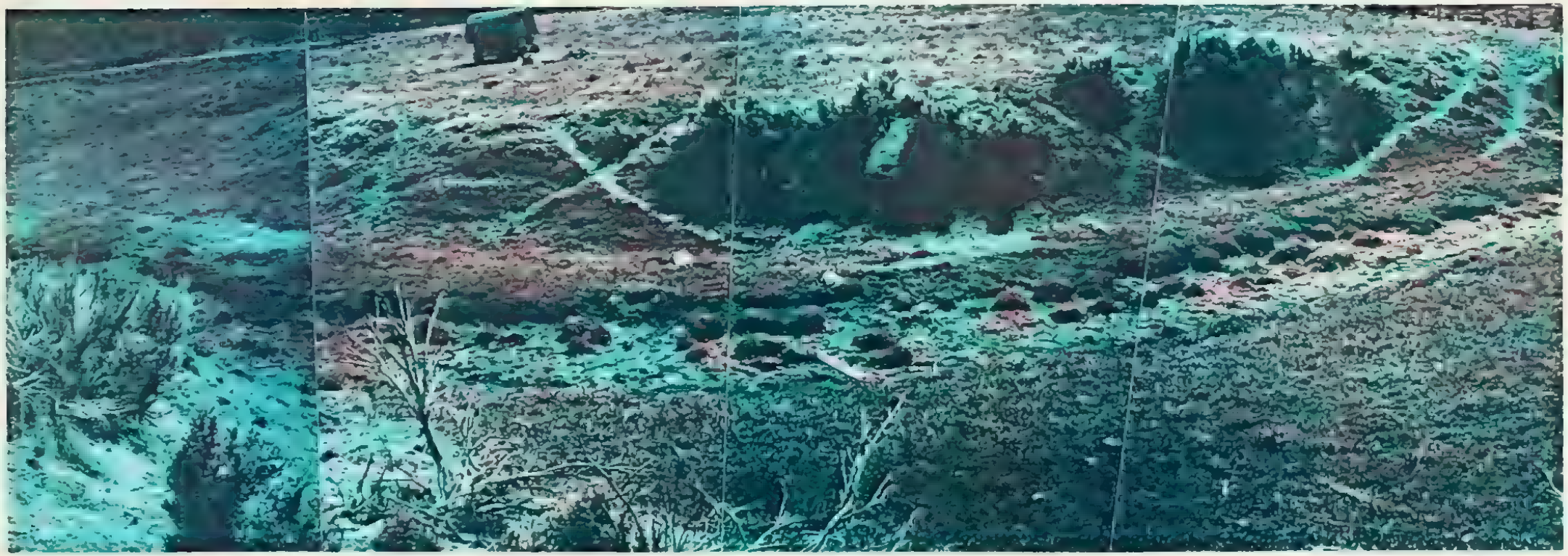


FIGURE 2.1.1-9

WSO4 JUNE

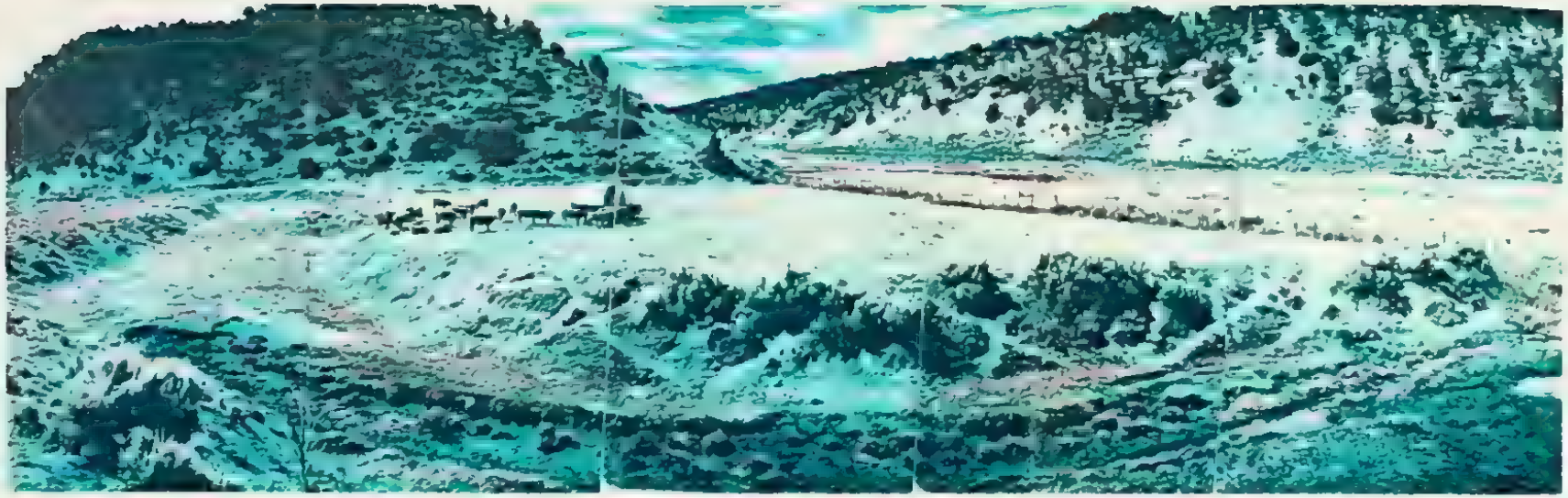
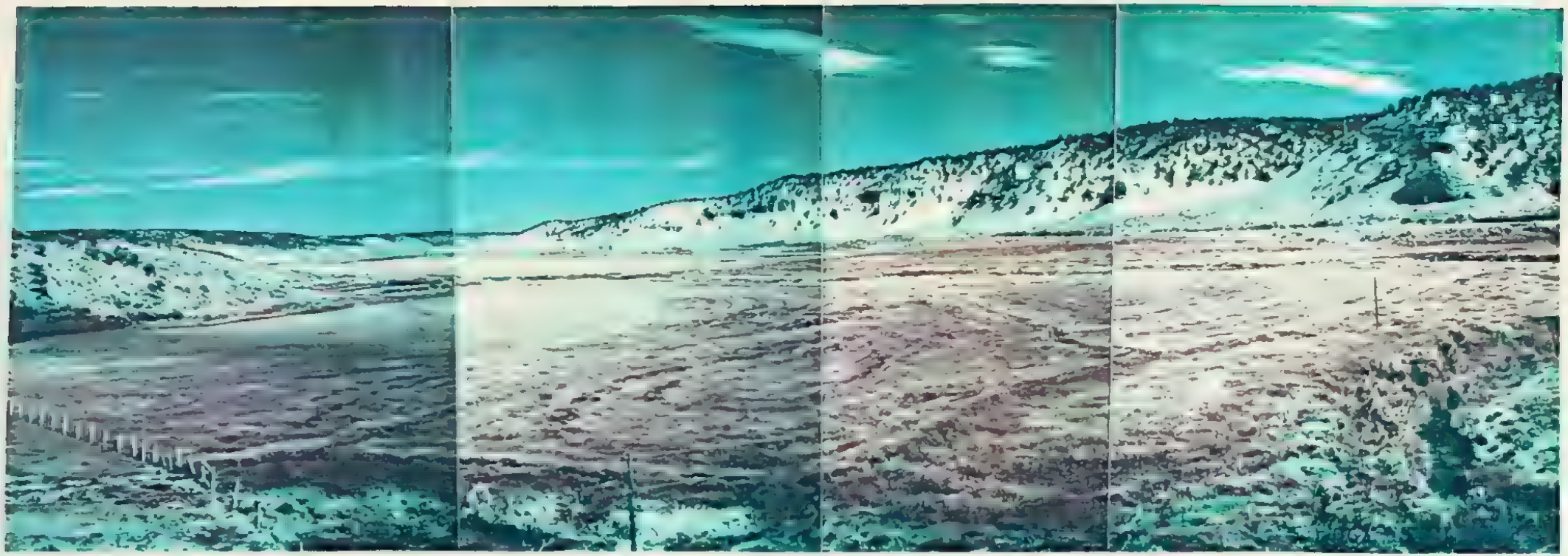


FIGURE 2.1.1-10

WS04 JULY

FIGURE 2.1.1-11

WSA5A JULY



WS06 JULY

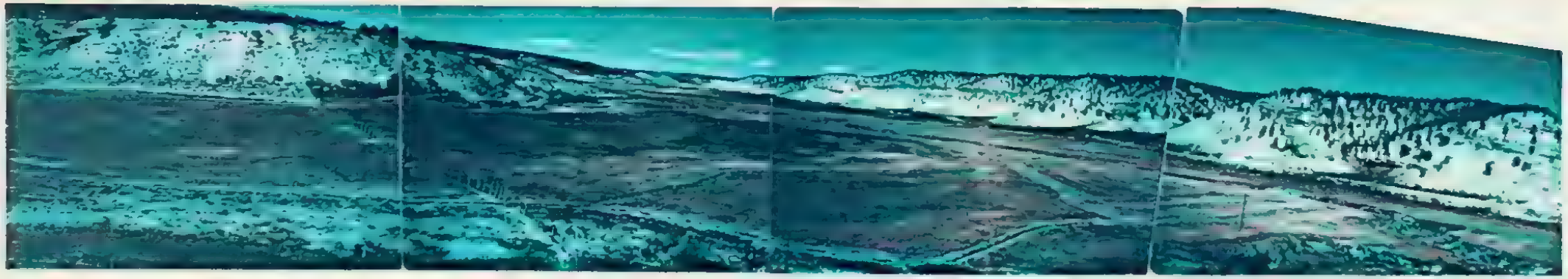


FIGURE 2.1.1-12

WS06 JUNE

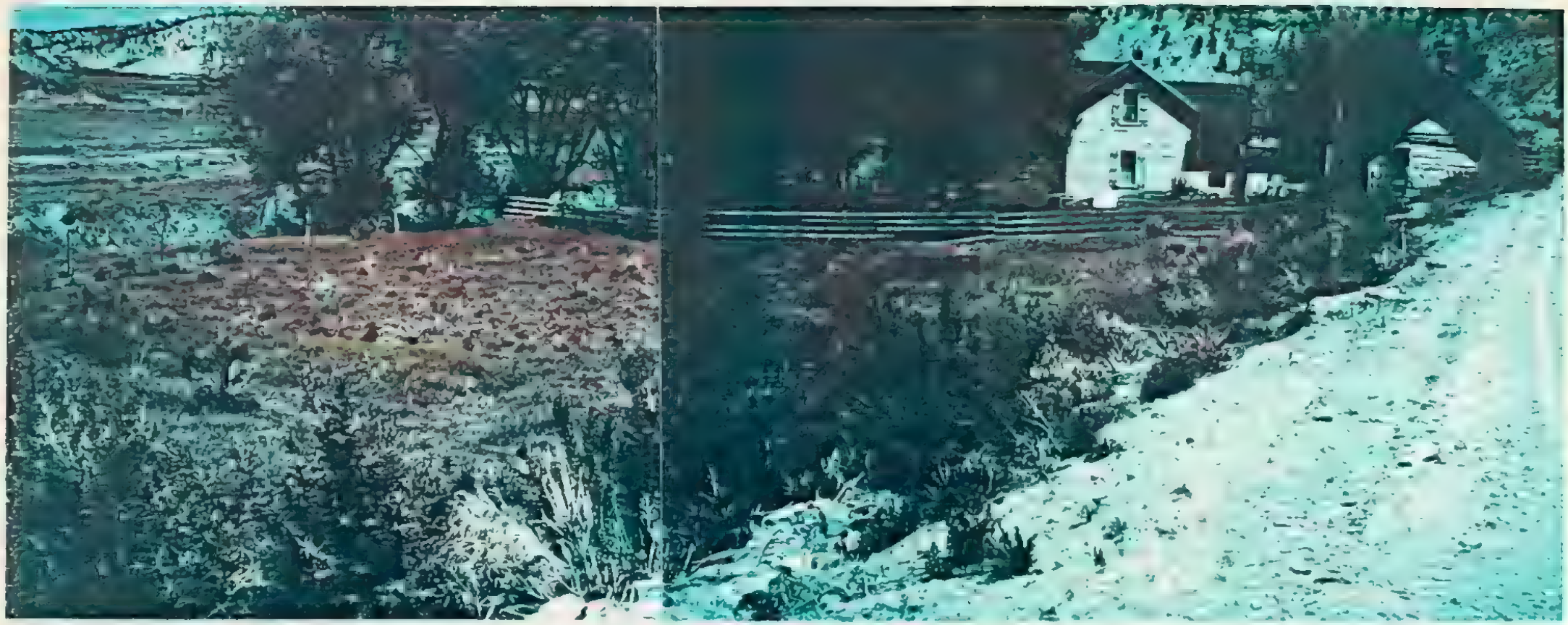


FIGURE 2.1.1-13

WS7A JUNE

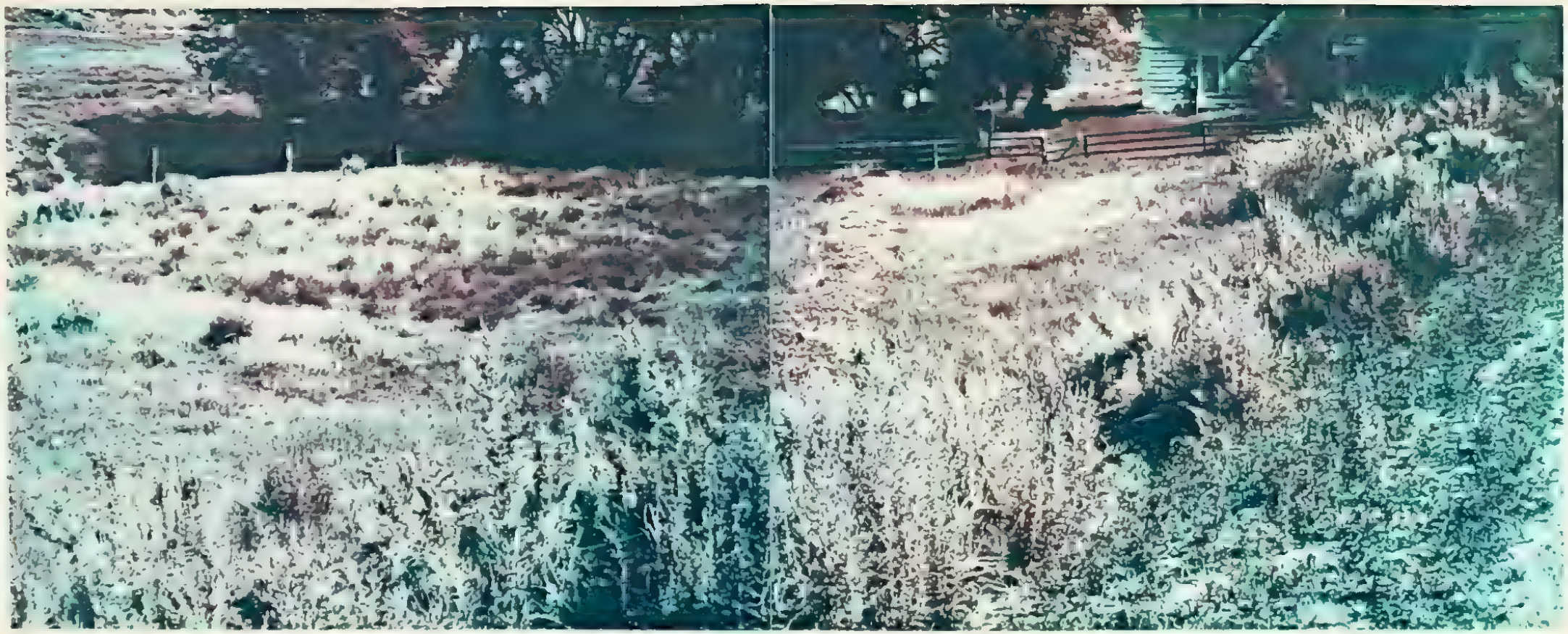


FIGURE 2.1.1-14 WS7A JULY

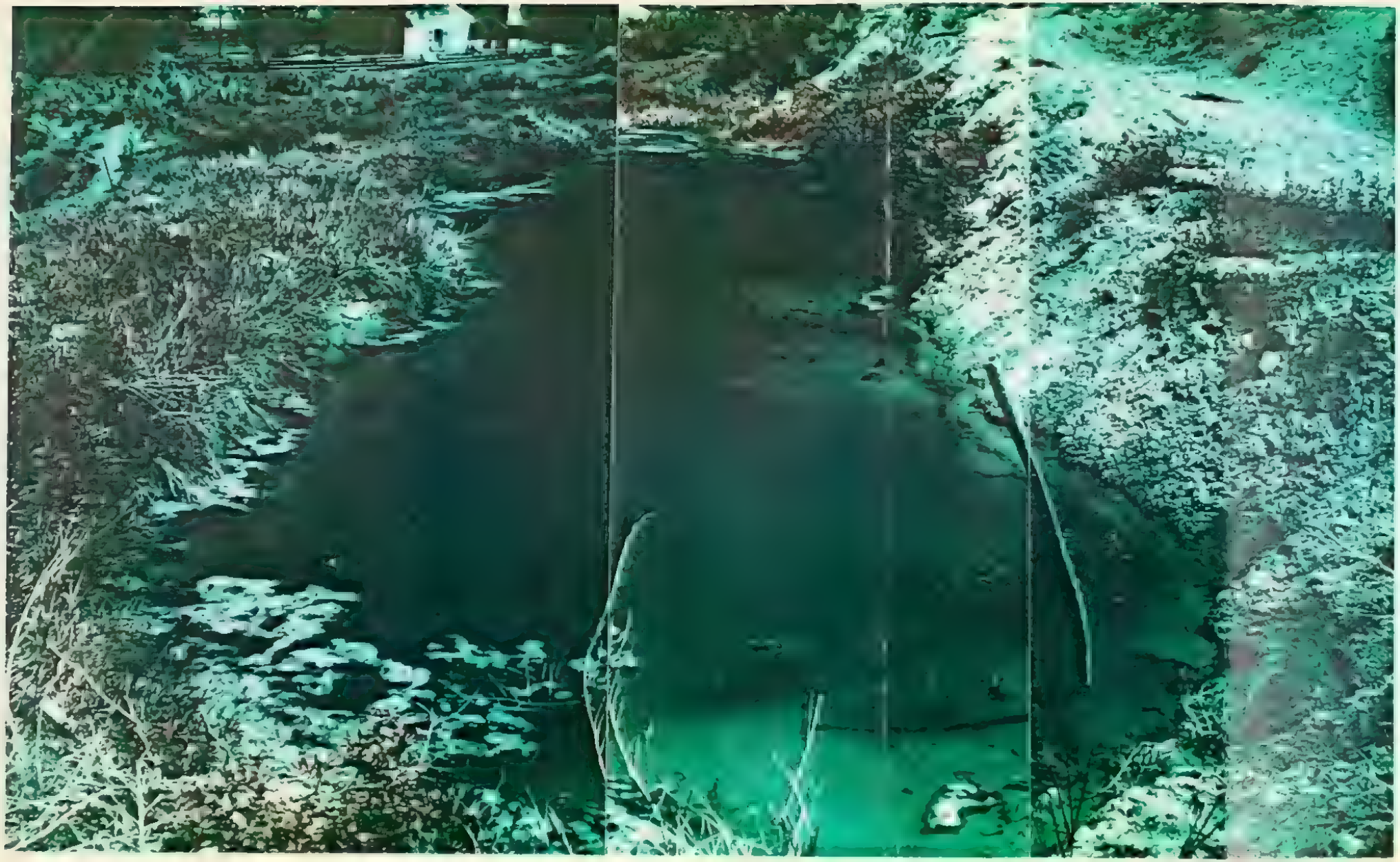


FIGURE 2.1.1-15 WS7B JUNE

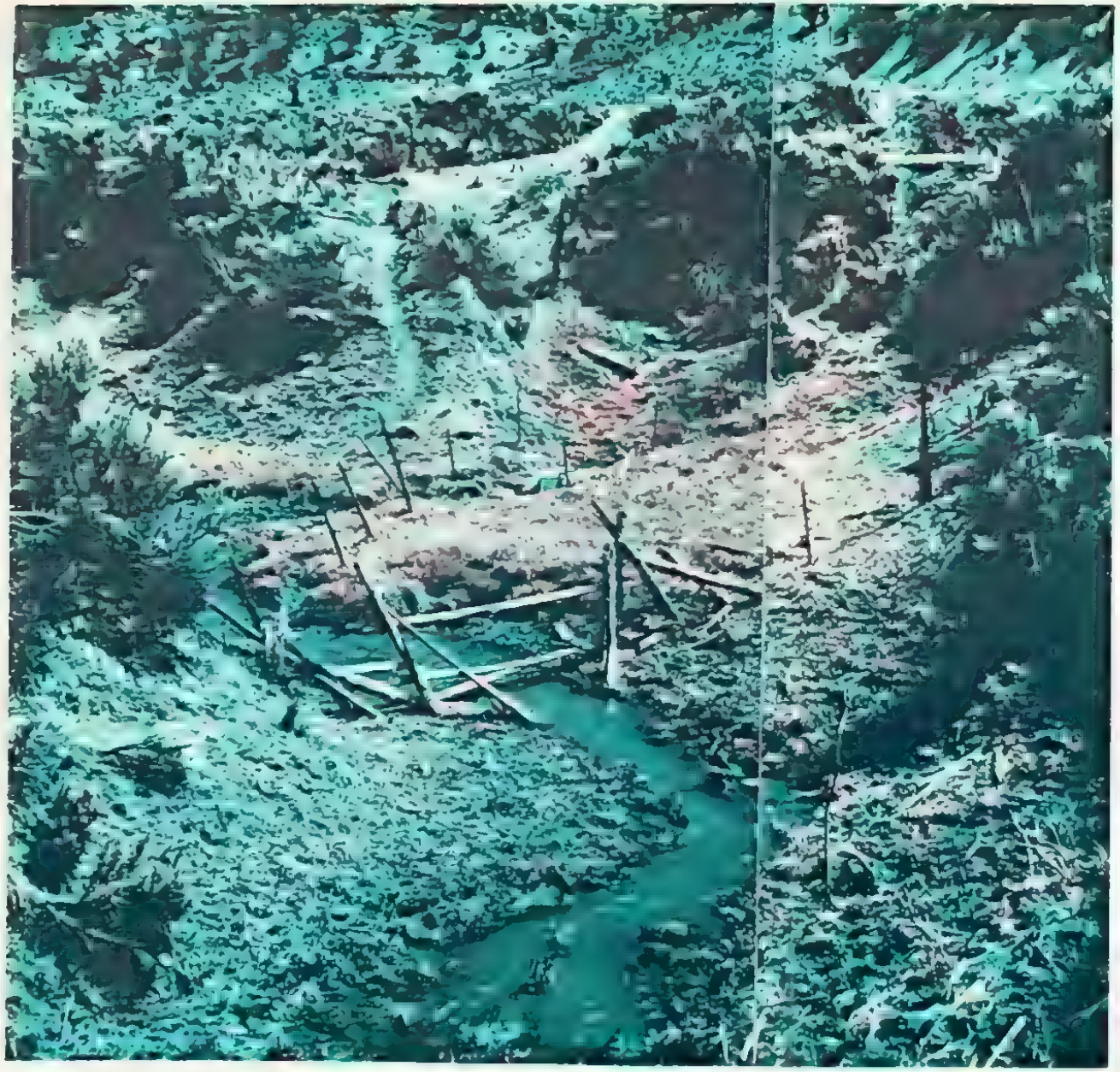


FIGURE 2.1.1-17 WS08 JUNE

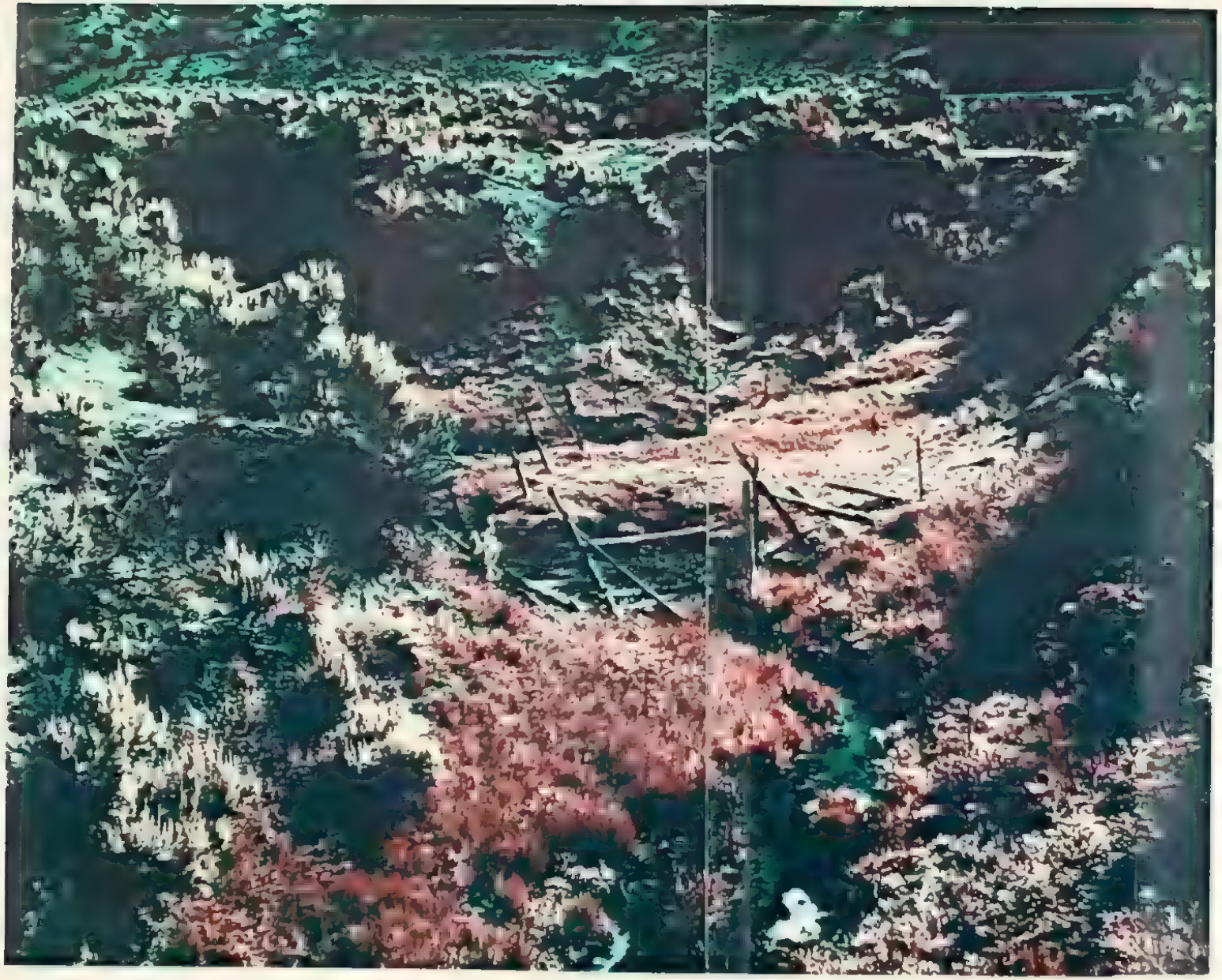


FIGURE 2.1.1-18 WS08 JULY

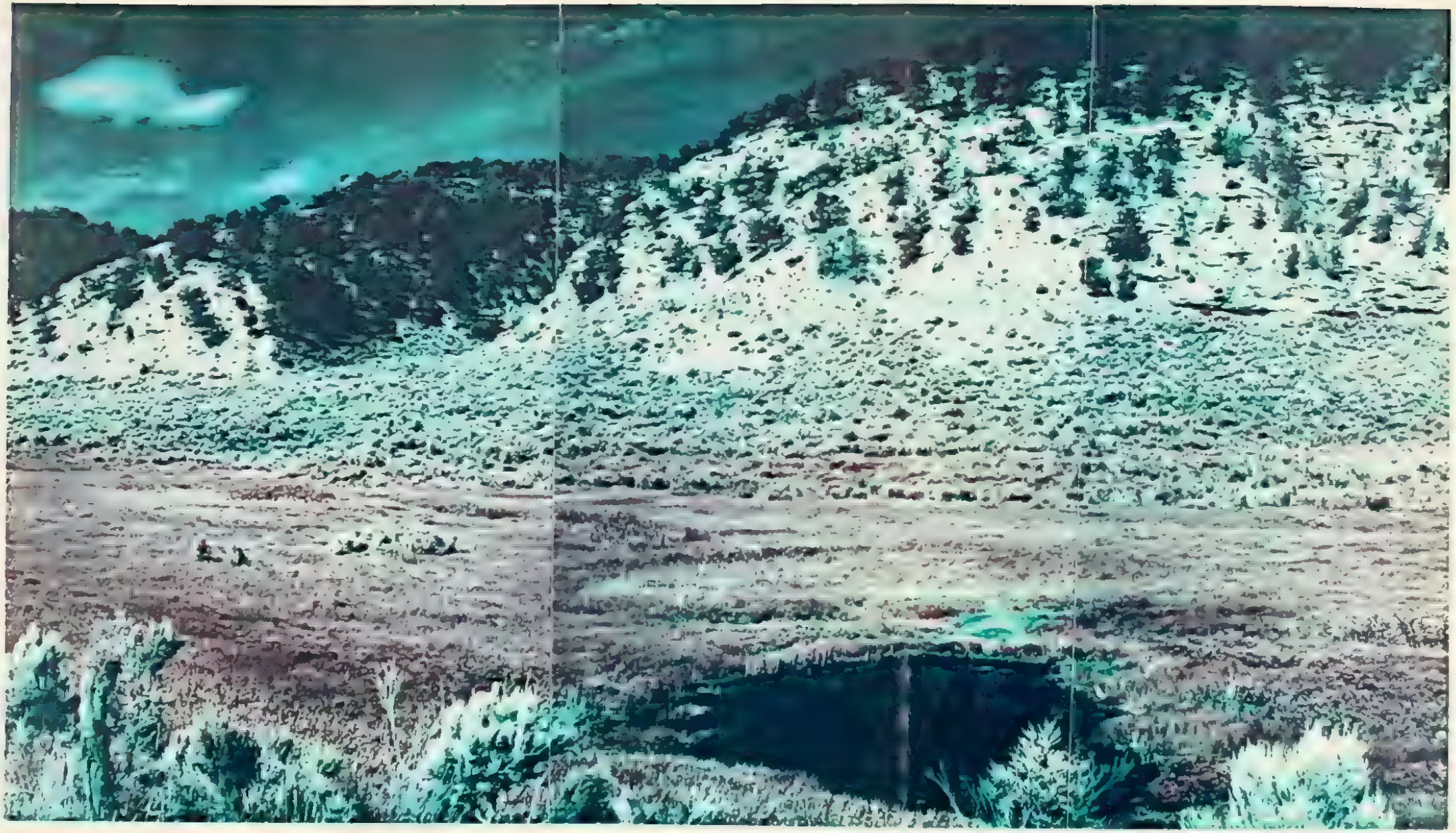


FIGURE 2.1.1-20

WS09 JULY

FIGURE 2.1.1-21

WSIO JUNE

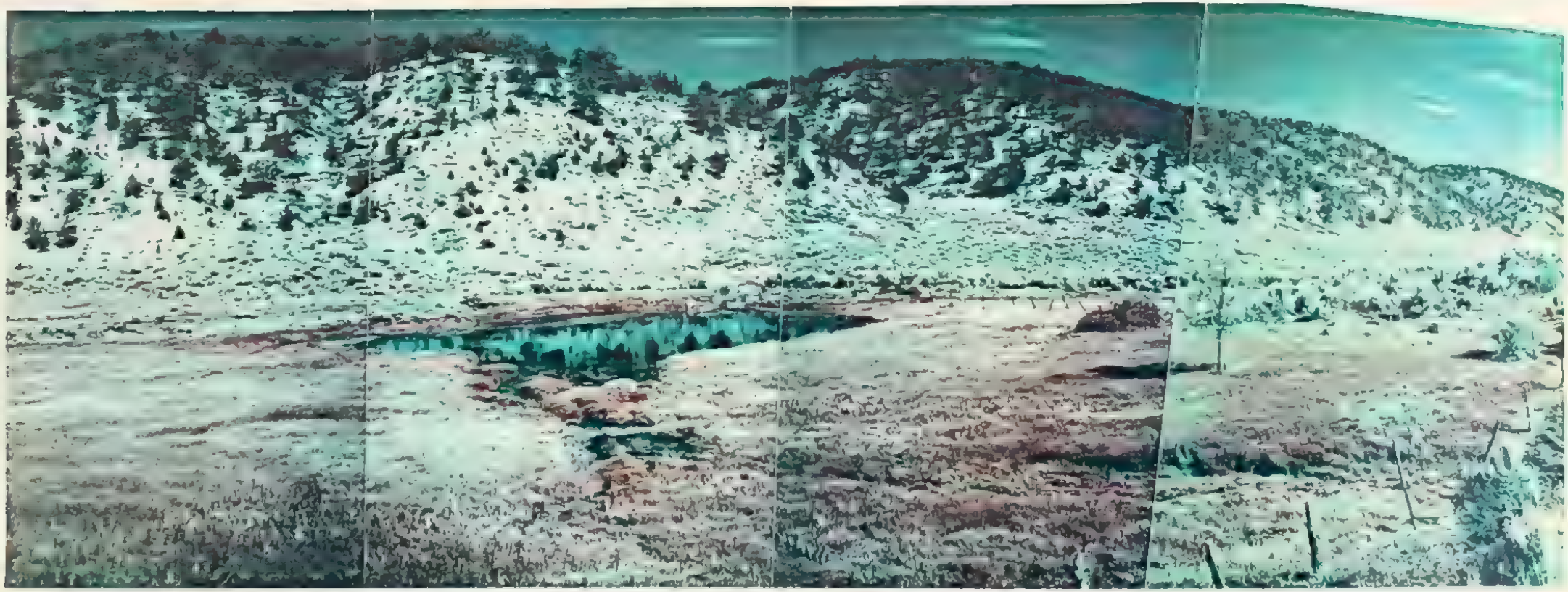


FIGURE 2.1.1-22 WSIO JULY

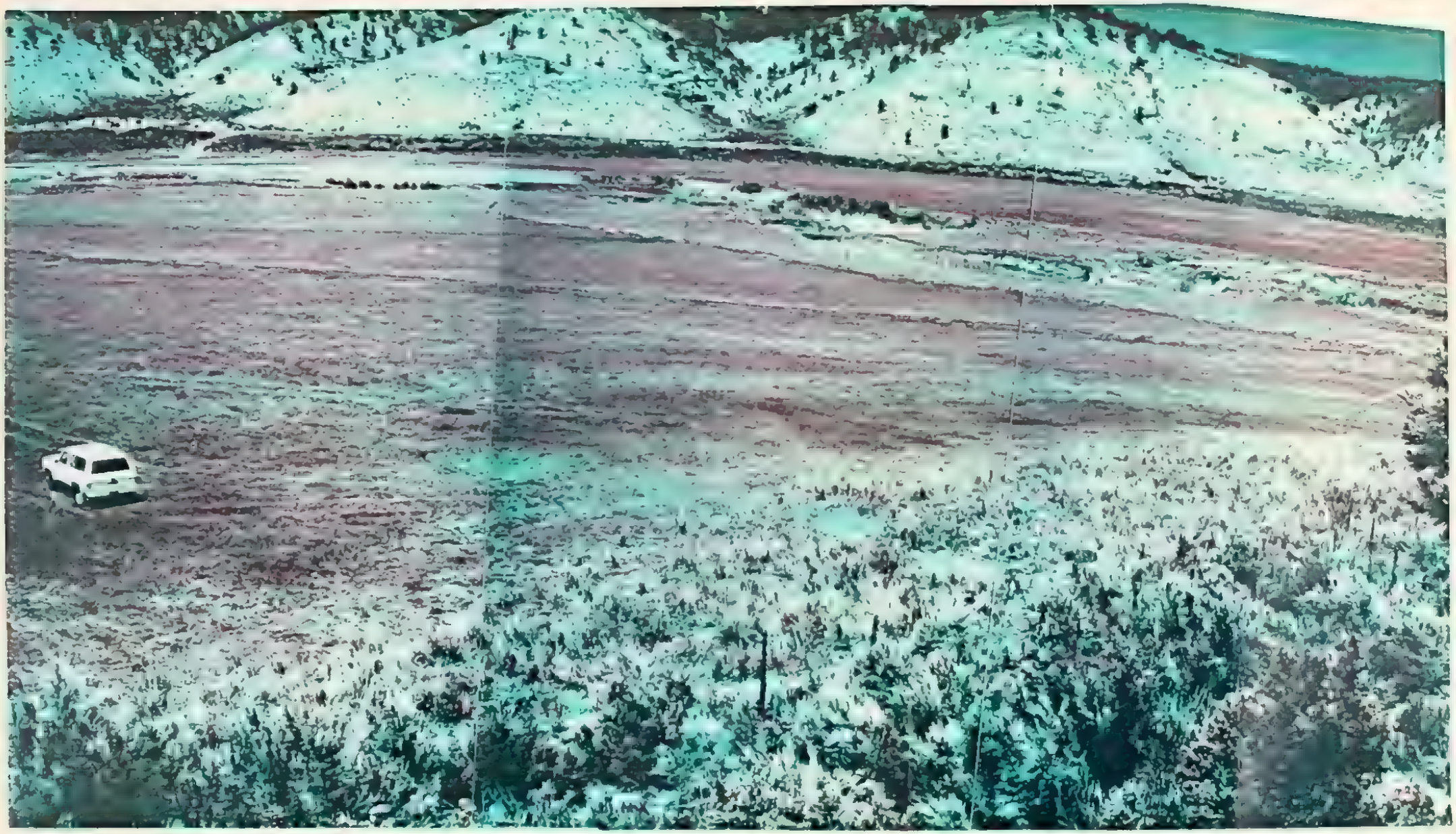


FIGURE 2.1.1-23 WS102 JUNE

2.1.2 Aerial Program

2.1.2.1 Landsat

Summer 1980 overflight dates are shown on Table 2.1.1-1 for Path 38, Row 32, which covers the general tract location.

Landsat data and analysis will be presented in the C-b Annual Analysis Report April, 1981.

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2.2 Hydrology and Water Quality

Hydrologic and water quality monitoring frequency and laboratory analysis requirements vary by type and location of sample collection station. The requirements also vary between government agencies and purposes of monitoring. Tract C-b monitoring requirements have been detailed in these documents as follows:

DMP - Development Monitoring Plan prepared for the Oil Shale Office (OSO).

WAP - Water Augmentation Plan prepared for the State of Colorado Water Court, Division 5.

NPDES - National Pollutant Discharge Elimination System monthly report prepared for the State of Colorado Water Quality Control Division.

Exhibits A and B of the WAP, presented in jacket Figures 2.2.1 and 2.2.2 provide a complete list and location of the WAP sampling sites. Station coordinates and four-digit computer codes for current collection stations are presented in Section 4.0 Data Automation.

A summary of current and future water sampling frequency requirements by parameter and station type is presented in Table 2.2-1. Footnotes are used to identify special requirements.

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TABLE 2.2-1

Water Reporting Interval Requirements for Indicator Variables by Monitoring Station Groups+

Indicator Variables	Symbol	Major USGS	Minor USGS	C-b Springs	Non-Affiliated Springs & Wells	Alluvial Wells	Upper Aquifer	Lower Aquifer	NPDES	Shafts	Reinjection Wells	Pond Seepage Wells
Alkalinity	$CaCO_3$	M	Q	Q		Q	SA	SA	SA*	R	R	R
No Alkalinity	NA											
P Alkalinity	PA											
Aluminum	Al	Q	Q	Q		Q	SA	SA	W* SA (2)	R	R	R
Ammonia	NH_3	M	Q	Q		Q	SA	SA	W*	R	R	R
Antimony	Sb											
Arsenic	As	M	Q	Q		Q	SA	SA		R	R	R
Bacteria	Bact											
Barium	Ba	Q	Q	Q		Q	SA	SA	SA(2)		R	R
Beryllium	Be		Q						SA(2)			
Bicarbonate	HCO_3	M		Q		Q	SA	SA	SA*	R	R	R
Biological Oxygen Demand	BOD	Q	Q	Q		SA	SA	SA				R
Bismuth	Bi								SA(2)		R	
Boron	B	M	Q	Q		Q	SA	SA	W* SA*	R	R	R
Bromine	Br	Q	Q	A		A	SA	SA	SA*			
Cadmium	Cd	Q	Q	Q		Q			SA			
Calcium	Ca	M	Q	Q		Q	SA	SA	M* SA*	R	R	R
Carbonate	CO_3	M	Q	Q		Q	SA	SA		R	R	R
Chemical Oxygen Demand	COD	Q	Q	Q		Q	SA	SA	SA*		R	R
Chloride	Cl	M	Q	Q		Q	SA	SA	D* SA*	R	R	R
Chromium	Cr	Q	Q	Q		Q	SA	SA	SA(2)		R	R
Cobalt	Co						SA	SA			R	R
Coliform, Fecal		Q	Q	SA		SA						
Coliform Total		Q	Q	SA		SA						
Color (Not Precise)									SA*			
Cond. Hydrocarbon	CH											
Conductivity, Specifics	Pc	D		M		M	SA					
Copper	Cu	Q	Q	Q		Q	SA	SA	M* SA(2)		R	R
Cyanide	Cn	Q	Q						SA*			
Dissolved Oxygen	Do	D		M		M						
Element Scan		Q	Q									
Fecal Streptococcus		Q	Q	SA								
Flow		D	Q	W(7)	M (Springs)			SA	D(4)			
Fluoride	F	M	Q	Q		Q	SA	SA	W* SA*	R	R	R
Gallium	Ga								SA(1)			
Germanium	Ge								SA*			
Hardness (Ca, Mg)				Q		Q	SA	SA			R	R
Hydroxides	Oh											
Iodine	I											
Iron	Fe	M	Q	Q		Q	SA	SA	W* SA(1)	R	R	R
Kjeldahl Nitrogen		M	Q	Q		Q	SA	SA	SA(1)		R	R
Lead	Pb	Q	Q	Q		Q	SA	SA	SA(1)	R	R	R
Level					M (Wells)	M	M(5)	M(5)				
Lithium	Li	Q	Q	Q		Q	SA	SA	SA(1)		R	R
Magnesium	Mg	M	Q	Q		Q	SA	SA	SA*	R	R	R
Manganese	Mn	M	Q	Q		Q	SA	SA	SA*	R	R	R
Mercury	Hg	Q	Q	Q		Q	SA	SA	M* SA(1)		R	
Methylene Blue Active Substance	MBAS	SA				A						
Molybdenum	Mo	Q	Q	Q		Q	SA	SA	SA(1)	R	R	R
Nickel	Ni			Q		Q	SA	SA	SA(1)		R	R
Nitrate	NO_3	M	Q	Q		Q	SA	SA	SA*	R	R	R
Nitrite	NO_2	M	Q	Q					SA*			
Odor									SA*			
Oil & Grease	OLGR	Q	Q	Q		Q	SA	SA	D(2) W* SA*	R	R	R
Organic Carbon, Dissolved	DOC	M	Q	SA(3)		SA	SA	SA	SA*	R	R	R
Organic Carbon, Total	TOC	M	Q									
Ortho-Phosphorus	PO_4	Q	Q									
Pesticides		SA										
pH	pH	D	Q	M		M	SA	SA	D*			
Phenols		M	Q	Q		Q	SA	SA	W* SA*	R	R	R
PNA	PNA						A(6)	A(6)				
Potassium	K	M	Q	Q		Q	SA	SA	SA(1)	R	R	R
Rubidium	RB											
Sediment Chac.			A(9)									
Selenium	Se	Q	Q	Q		Q	SA	SA	SA(1)		R	
Scandium	SC											
Silica	SiO_2	M	Q						SA*			
Silver	Ag					Q	SA	SA	M*		R	
Sodium	Na	M	Q	Q		Q	SA	SA	SA(1)	R	R	R
Solids, Dissolved	TDS	M	Q			Q	SA	SA	W* SA(1)	R	R	R
Solids Suspended	SOLS			Q					W*	R		
[illegible]	Sr	Q	Q	Q		Q	SA	SA	SA(1)		R	R
Surfactants												
Sulfate	SO_4	M	Q	Q		Q	SA	SA	SA*			
Sulfide	SO_2	Q	Q						SA*			
Temperature		D	Q	M		M						
Thiosulfite	S_2O_3											
Tin	Sn											
Titanium	Ti								SA(1)			
Tungsten	W											
[illegible]		DOC										
Vanadium	V								SA(1)			
Yttrium	Y											
Zinc	Zn	Q	Q	Q		Q	SA	SA	M* SA(1)		R	R
Zirconium	Zr								SA(1)			
Radioactivity												
Gross Alpha (pCi)		Q	Q	SA		SA	SA	SA	SA			
Radium 226	Ra 226			SA		SA	SA	SA	SA(3)			
Natural Uranium	U								SA(3)			
Gross Beta		Q	Q	SA		SA	SA	SA	SA(3)			
Cesium	Ce 137								SA			
[illegible]									SA			
Thorium 230	Th 230								SA(3)			
[illegible]	U											
Fractionation												
Organic Carbon into												
a. Hydrophobic Basis		SA				SA			SA*			
b Hydrophobic Acids		SA				SA			SA*			
c Hydrophobic Neutrals		SA				SA			SA*			
d Hydrophilic Bases		SA				SA			SA*			
e Hydrophilic Acids						SA			SA*			
f Hydrophilic Neutrals						SA			SA*			

REPORTING INTERVAL CODES

D = Daily
W = Weekly
M = Monthly
Q = Quarterly
SA = Semi-Annually
A = Annually
R = Random

NOTES:

+ See Table 3.3-2 for station identification.
* Applies to all NPDES discharge points.
1 Total Values
2 Visual analysis of presence of oil and grease only
3 Required if gross alpha or gross beta increases by 20% above average.
4 Daily flow also at USGS station WU61.
5 Applies to both C-b affiliated and non-affiliated stations.
6 Applies to stations and species to be identified
7 Applies to DMP and WAP stations.
8 Applies to two stations to be selected by AOSSO
9 Applies to station WU42 only.
10 Applies to stations WU07 and WU61 only.

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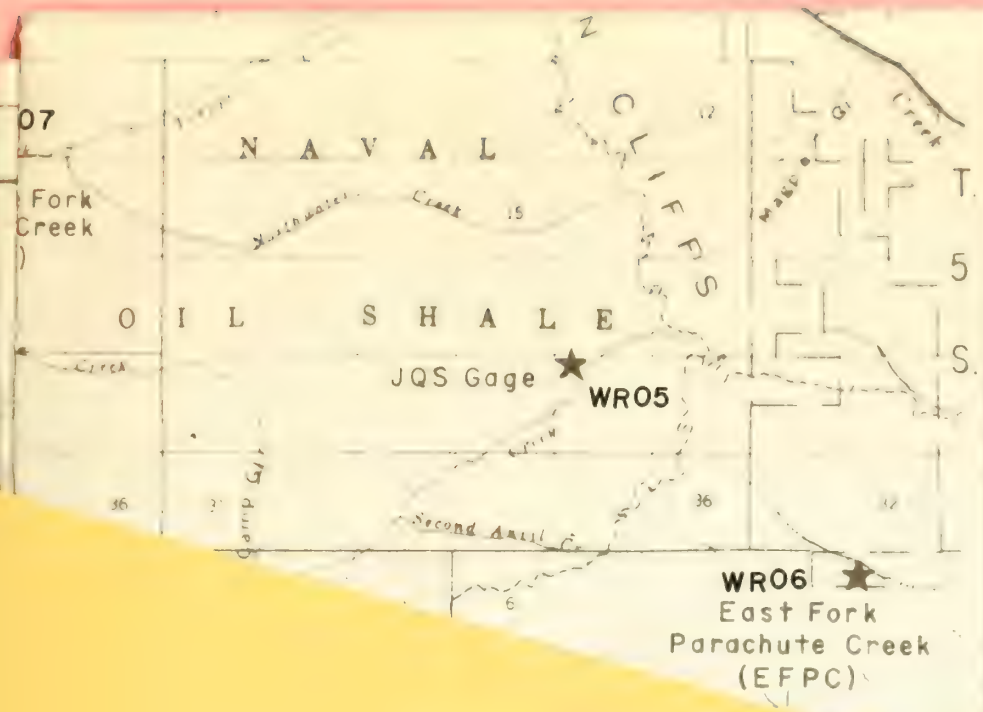

07
Fork
Creek
NAVAL
OIL SHALE
JQS Gage
WR05
WR06
East Fork
Parachute Creek
(EFPC)
Second Anvil
T.
5
S.

R. 100 W
R. 99 W
R. 98 W.
R. 97
T. 2 N
T. 1 N.
T. 2 S
T. 3
WU55
WA01
WS06
WS07
WA02
WU58
AB20
AC20
WA05
WU42
WA06
WX20
WS03
WU07
WA07
WU39
WX19
WU36
WS01
WA08
WX12
WX11
WA03
WS08
WY01
WU52
WX02
WX03
WU22
WU28
WS31
WS36
WS09
WX63
WA11
WA09
WS02
WY81
WS04
WX44
WX92
WX55
WX10
WU50
AB23
WY10
WA04
WA13
WA10
WS32
WS10
WS34
WU33
WX04
WU15
WA12
WX17
WX21
WU25
Ca Tract
Corral Gulch Corral
(CG) WR04
WU00
WX65
WY65
EQUITY
BS13
WY79
WS21
WU61
EQUITY
WY66
WV01
GREENO
4-4
WS22
CER RB D 02 WX71
CER RB D 03 WY71
WS23
WS3

W
R 96 W
R 95 W
COLOROW MTN
N
W
E
S
T
2
N
R 94 W
T
1
N
6222
WU62
POWELL PARK
RESERVOIR
WHITE RIVER
Meeker
Meeker 2
(M)
4800
Little Hills
(LH) WR01
WHITE RIVER PICEANCE CREEK PIPELINE
GRAND
HOGBACK
T
1
S
WX64
TH75 5A
TH75-5B
WY64
WX67
TH75-18A
WY67
TH75-18B
WY68
TH75-10B
WX69
TH75 9A
TH75-9B
WY69
T
2
S
Cb TRACT
OLDLAND
3
WV02
WS30
P-3,3A
GP-17X-8G
WV03
T

LEGEND

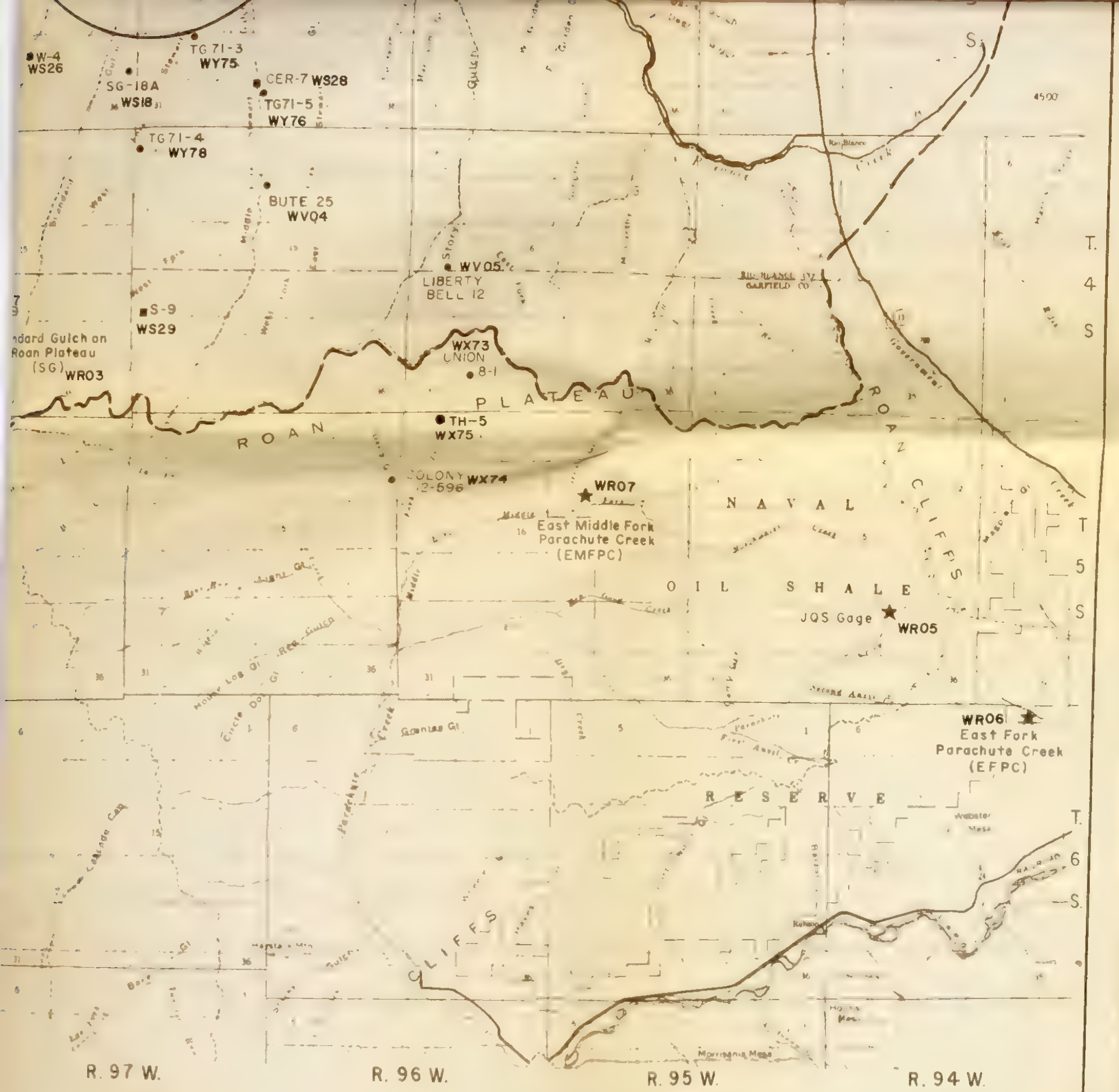
Symbol	Description
◄	Stream gaging station (prefix 0930 omitted from Station No.)
●	Observation well (may have multiple piezometers)
■	Spring or seep
★	Precipitation station
———	Paved roads
═══	Other roads and trails
— — —	Topographic basin of Piceance Creek

(Base map supplied by the Unit

NOT

See Exhibit B for explanation of m
category and normal frequency of m

TK 162



ed States Geological Survey)

ES

onitoring station designations,
easurements, and entities making

FIGURE 2.2-1
EXHIBIT A

KEY FEATURES OF HYDROLOGIC MONITORING PROGRAM
FOR
Cb TRACT

PICEANCE CREEK BASIN
WATER DIVISION NO. 5
STATE OF COLORADO

DECEMBER 1978

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OBSERVATION WELLS

Designation	Owner of Well	Data Measured: Piezometric Levels: Upper Aquifer	Data Measured: Piezometric Levels: Lower Aquifer	Data Measured: Water Quality	Measurements By
Cb-1	Cb	–	m	p	A
Cb-2	Cb	m	–	p	A
Cb-3	Cb	m*	m*	p	A
Cb-4	Cb	m	–	p	A
SG-1	Cb	c	c	p	A
SG-1A	Cb	m	–	p	A
SG-6	Cb	m	m	p	A
SG-8	Cb	m	–	p	A
SG-8R	Cb	–	m	p	A
SG-9	Cb	c	c	p	A
SG-10	Cb	–	m	p	A
SG-10A	Cb	m	–	p	A
SG-10R	Cb	–	m	p	A
SG-11	Cb	m	m	p	A
SG-17	Cb	c	c	p	A
SG-18A	Cb	m	–	p	A
SG-19	Cb	c	–	p	A
SG-20	TOSCO	m	–	p	A
SG-21	Cb	m	–	p	A
AT-1C	Cb	m	m	p	A
A-1	+	c	–	p	A
A-2	+	m	–	p	A
A-3	Cb	c	–	p	A
A-4	Cb	m	–	p	A
A-5	Cb	c	–	p	A
A-6	+	m	–	p	A
A-7	Cb	c	–	p	A
A-8	+	c	–	p	A
A-9	Cb	m		p	A
A-10	Cb	m	–	p	A
A-11	Cb	c		p	A
A-12	Cb	m	–	p	A
A-13	Cb	m		p	A
TH75-5A & 5B	U S	m (5A)	m (5B)	–	A F
TH75-13A & 13B	U S	m (13A)	m (13B)		A/F
Equity 1	Equity Oil Co		m		A/F
TH75-18A & 18B	U S	m (18A)	m (18B)	–	A F
TH75-10B	U S		m	–	A F
TH75-9A & 9B	U S	m (9A)	m (9B)	–	A F
Equity Sulfur 1A	Equity Oil Co		m	–	A F
CER RB-D-02 & 03	U S	m (RB-D-02)	m (RB-D-03)	–	A/F
TH75-15A & 15B	U S	m (15A)	m (15B)		A/F
Greeno 4-4	Shell Oil Co	m*	m*	–	A F
TG71-3	TOSCO	–	m	–	A/F
TG71-5	TOSCO		m	–	A/F
Oldland 3	TOSCO	m*	m*		A/F
GP-17X-BG	U S	m*	m*	–	A/F
Bute 25	TOSCO	m*	m*	–	A/F
Liberty Bell 12	TOSCO	m*	m*	–	A/F
Union 8-1	Union Oil Co	m	–	–	A
Getty 9-4D	Getty Oil Co	–	m		A/F
Colony 12-596	Atlantic Richfield	c	–	–	A/Colony
TG71-4	TOSCO	–	m	–	A/F
Equity BS-13	Equity Oil Co	–	m	–	A/F

An asterisk (*) following frequency symbols in columns under "Piezometric Levels" indicates that the composite piezometric level is monitored

Frequency of measurement of water levels in alluvial wells indicated under "Upper Aquifer."

+ Regardless of ownership, Applicant has the right to monitor these wells

PRECIPITATION

Designation	Name of Station	Measurements: Frequency	Measurements: By
020	Cb Air quality trailer 020	c	A
023	Cb Air quality trailer 023	c	A
LH	Little Hills	c	F
M	Meeker 2	c	F
SG	Scandard Gulch on Roan Plateau	c	F
CG	Corral Gulch	c	F
JQS	JQS Gage	c	F
EFPC	East Fork Parachute Creek	c	F
EMFPC	East Middle Fork Parachute Creek	c	F

STREAM FLOW

(Prefix 0930 omitted from Station No.)

Station No.	Description	Data Measured: Discharge	Data Measured: Quality	Measurements By
4800	White River below Meeker	c	p	F
6007	Piceance Creek below Rio Blanco	c	p	F
6015	Middle Fork Stewart Gulch	c	p	F
6022	Stewart Gulch above West Fork	c	p	F
6025	West Fork Stewart Gulch, upstream	c	p	F
6028	West Fork Stewart Gulch at mouth	c	p	F
6033	Sorghum Gulch, upstream	c	p	F
6036	Sorghum Gulch at mouth	c	p	F
6039	Cottonwood Gulch	c	p	F
6042	Tributary of Piceance Cr. (No Name Gulch)	c	p	F
6050	Scandard Gulch, upstream	c	p	F
6052	Scandard Gulch at mouth	c	p	F
6058	Willow Creek	c	p	F
6061	Piceance Creek above Hunter Creek	c	p	F
6200	Piceance Creek below Ryan Gulch	c	p	F
6222	Piceance Creek at White River	c	p	F
6255	Yellow Creek near White River	c	p	F

SPRINGS OR SEEPS

Designation	Data Measured: Discharge	Data Measured: Quality	Measurements By
Cb S-1	w	p	S/A
Cb S-2	–	p	A
Cb S-3	w	p	S/A
Cb S-4	–	p	A
Cb S-6	w	p	S/A
Cb S-7	–	p	A
Cb S-8	w	p	A
Cb S-9	w	p	A
Cb S-10 (W-3)	w	p	S/A
CER-1	w	–	S
B-3	w	–	S
H 3	w	–	S
F 3	w	–	S
Fig 4-A	w	–	S
W-4	w	–	S
W-9	w	–	S
CER-7	w	–	S
S 9	w		S
P3 & 3A	w	–	S

GENERAL NOTES

1. See Exhibit A for location of monitoring stations listed on this Exhibit
2. Letter symbols under columns of "Data Measured" indicate normal frequency of measurements as follows.
   - c - continuous recorder (or daily total or mean)
   - w - weekly
   - m - monthly
   - q - quarterly
   - s - semiannually
   - a - annually
   - p - periodic or variable depending on water quality parameters measured
3. Letter symbols under column of "Measurements By" have following meanings
   - A - Applicants in Case No. W-3492
   - F - Federal (USGS)
   - S - State of Colorado (Div of Water Resources)
   - O - Others (Indicated where known)

FIGURE 2.2-2

EXHIBIT B

LIST OF STATIONS
OF HYDROLOGIC MONITORING PROGRAM
FOR
Cb TRACT

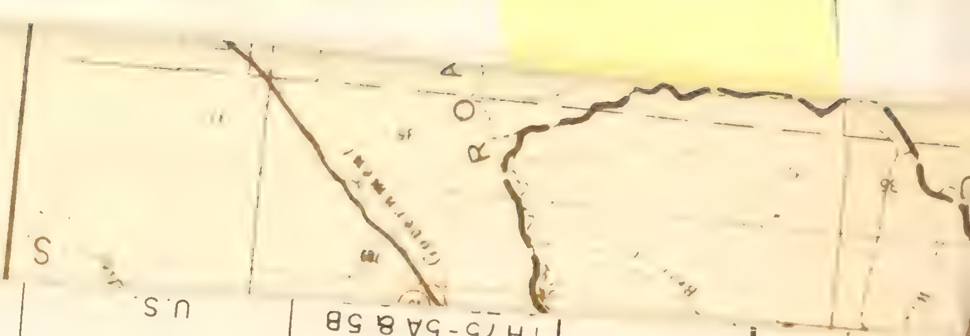
TK 162

DECEMBER 1978

TABLE/FIGURE

Table 2

Table 1



2.2.1 Levels and Flows

This section presents hydrologic flows of surface streams and water levels in springs and seeps, alluvial and bedrock wells and impoundments. Data for monitoring stations required by DMP, WAP, and NPDES documents are identified within each subsection.

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2.2.1-1 Surface Streams

This section contains daily mean discharge data for four major surface water gauging stations and nine minor surface water gauging stations. These monitoring stations are shown on Figure 2.2.1.1-1. Data presented cover 1980 water year, October 1979 through September 1980. Following table lists stations and the pages which summarize the data.

TABLE 2.2.1.1-1

Surface Water Gauging Stations
Discharge Data

STATION	CODE	PAGE #
09306007	WU07	I-37
09306015	WU15	I-38
09306022*	WU22	I-39
09306025	WU25	I-40
09306028	WU28	I-41
09306033	WU33	I-42
09306036	WU36	I-43
09306039	WU39	I-44
09306042	WU42	I-45
09306050	WU50	I-46
09306052	WU52	I-47
09306058*	WU58	I-48
09306061*	WU61	I-49

*Major Gauging Stations

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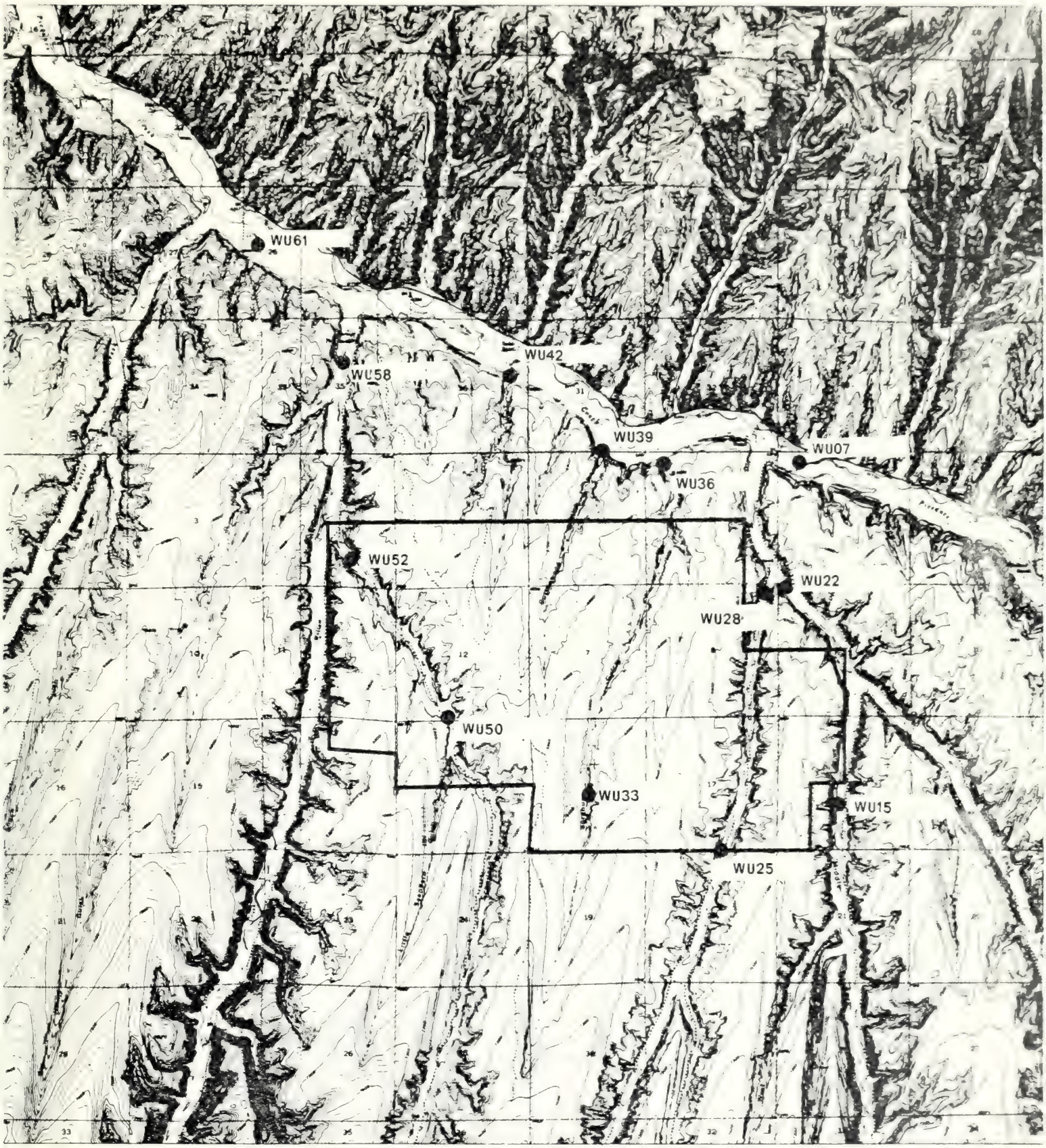

U.S.G.S. STREAM GAUGING STATION MONITORING NETWORK

Figure 2.2.1.1-1

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DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR

PICEANCE CR BL RIO BLANCO 09306007 WY 1980 MEAN DAILY DISCHARGE

	OCT	NOV	DEC	JAN	FEB	MAR	APR
1	6.20	15.00	11.00	11.00	9.00	11.00	12.00
2	5.90	15.00	11.00	10.00	8.90	10.00	12.00
3	5.90	14.00	11.00	9.90	8.90	11.00	12.00
4	5.90	14.00	9.60	9.90	8.90	11.00	12.00
5	6.20	14.00	9.60	9.90	8.90	11.00	13.00
6	6.20	14.00	9.60	9.20	8.90	11.00	13.00
7	5.90	13.00	9.90	9.90	9.00	11.00	13.00
8	5.90	13.00	9.90	9.90	9.00	11.00	13.00
9	5.90	13.00	9.90	9.90	8.90	10.00	14.00
10	6.80	13.00	9.90	10.00	8.80	10.00	14.00
11	7.70	13.00	10.00	10.00	8.70	11.00	14.00
12	7.10	13.00	10.00	9.90	8.60	11.00	14.00
13	6.50	13.00	10.00	10.00	8.50	11.00	14.00
14	6.80	13.00	10.00	12.00	8.50	11.00	14.60
15	7.10	12.00	10.00	11.00	9.10	12.00	16.20
16	8.00	12.00	10.00	9.90	9.10	12.00	18.80
17	8.30	12.00	10.00	9.90	8.80	11.00	22.30
18	8.70	12.00	10.00	9.60	11.70	11.00	29.30
19	9.40	12.00	10.00	9.20	13.40	11.00	48.10
20	11.00	12.00	10.00	8.90	12.00	11.00	63.30
21	11.00	12.00	10.00	9.00	11.00	12.00	74.20
22	12.00	12.00	11.00	9.00	11.00	12.00	76.80
23	13.00	12.00	11.00	8.90	11.00	12.00	60.10
24	14.00	12.00	11.00	8.80	9.90	12.00	51.30
25	14.00	12.00	11.00	8.70	9.70	12.00	44.70
26	14.00	11.00	10.00	8.40	9.60	12.00	41.50
27	14.00	11.00	11.00	8.80	10.00	11.00	40.40
28	14.00	11.00	11.00	9.10	11.00	12.00	40.00
29	17.00	11.00	11.00	9.10	11.00	12.00	38.30
30	16.00	11.00	11.00	9.10	0.00	12.00	45.10
31	15.00	0.00	11.00	9.00	0.00	12.00	0.00
TOTAL	295.40	377.00	320.40	297.90	291.80	350.00	895.00

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR

PICEANCE CR BL RIO BLANCO 09306007 WY 1980 MEAN DAILY DISCHARGE

	MAY	JUNE	JULY	AUG	SEPT
1	58.30	42.30	10.10	18.40	14.56
2	56.50	41.20	12.00	19.60	12.16
3	61.30	35.40	11.00	19.40	12.77
4	66.60	37.40	9.10	22.30	13.10
5	71.00	25.70	8.80	25.10	12.77
6	72.40	25.20	8.80	24.70	12.79
7	83.00	21.00	8.60	22.20	14.25
8	96.20	19.60	10.40	22.00	14.81
9	98.20	18.80	10.70	21.50	14.61
10	101.00	19.50	10.90	21.00	12.46
11	105.00	16.30	10.70	20.50	9.63
12	131.00	14.60	10.60	20.00	9.44
13	130.00	13.20	9.30	19.50	10.05
14	125.00	12.40	10.80	19.00	9.68
15	128.00	12.30	12.20	18.50	9.30
16	129.00	12.00	11.20	18.00	10.35
17	135.00	11.00	12.10	17.50	8.08
18	126.00	10.20	12.80	17.00	7.41
19	111.00	9.40	9.90	16.50	7.61
20	103.00	7.90	10.50	16.00	9.45
21	97.40	8.50	9.40	15.44	9.23
22	94.40	9.80	8.60	15.49	9.52
23	92.90	9.20	9.20	14.78	6.13
24	89.00	8.00	10.60	15.80	3.98
25	83.40	8.20	11.20	15.68	1.59
26	79.00	7.50	12.20	16.35	4.64
27	72.10	7.80	11.00	15.69	5.48
28	64.70	7.10	11.30	15.03	8.13
29	55.40	8.40	12.60	14.15	5.44
30	52.00	8.80	13.90	14.84	5.06
31	46.60	0.00	18.70	15.47	0.00
TOTAL	2814.40	488.70	339.20	567.42	284.48

WATER YEAR TOTAL 7311.70 MEAN 20.03

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR
M F STEWART GL NR RIO BLANCO, CO. 09306015 1980 WY

	OCT	NOV	DEC	JAN	FEB	MAR	APR
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17	NO FLOW	NO FLOW	NO FLOW	NO FLOW	NO FLOW	NO FLOW	NO FLOW
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL							

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR
M F STEWART GL NR RIO BLANCO, CO. 09306015 1980 WY

	MAY	JUNE	JULY	AUG	SEPT
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17	NO FLOW	NO FLOW	NO FLOW	NO FLOW	NO FLOW
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
TOTAL					
WATER YEAR TOTAL		0.00	MEAN	0.00	

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR

STEWART GL ABV W F 09306022 WY 1980 MEAN DAILY DISCHARGE

	OCT	NOV	DEC	JAN	FEB	MAR	APR
1	1.20	1.30	1.70	1.60	1.60	2.00	2.10
2	1.40	1.70	1.70	1.60	1.60	2.00	2.30
3	1.50	1.70	1.60	1.50	1.50	2.10	2.30
4	1.60	1.70	1.60	1.50	1.60	2.10	2.30
5	1.80	1.80	1.40	1.50	1.60	2.10	2.30
6	1.80	1.90	1.40	1.50	1.70	2.10	2.30
7	1.70	2.00	1.40	1.60	1.70	2.10	2.30
8	1.70	2.00	1.50	1.70	1.90	2.10	2.50
9	2.50	2.00	1.50	1.70	1.90	2.10	2.50
10	2.50	2.00	1.60	1.70	2.10	2.30	2.50
11	2.50	2.20	1.70	1.80	2.10	2.40	2.30
12	2.50	2.00	1.60	1.80	2.20	2.40	2.10
13	2.00	2.00	1.60	2.00	2.10	2.40	2.00
14	1.60	1.80	1.70	1.50	2.10	2.40	2.10
15	1.50	1.80	1.80	1.50	2.30	2.60	2.10
16	1.50	1.80	1.80	1.50	2.20	2.60	2.10
17	1.60	1.90	1.80	1.40	2.20	2.60	2.20
18	1.50	2.00	2.00	1.50	2.50	2.60	2.00
19	1.60	2.10	1.80	1.40	2.20	2.60	2.00
20	1.70	2.10	1.60	1.50	2.10	2.30	2.00
21	1.70	1.90	1.60	1.60	2.30	2.30	2.00
22	1.70	2.00	1.60	1.60	2.40	2.30	2.00
23	1.70	2.00	1.60	1.30	2.40	2.30	2.00
24	1.50	2.20	1.60	1.40	2.40	2.30	2.00
25	1.40	2.20	1.60	1.50	2.60	2.40	1.90
26	1.40	2.10	1.60	1.60	2.60	2.40	1.90
27	1.40	2.30	1.60	1.80	2.10	2.30	1.80
28	1.30	2.20	1.60	1.90	2.30	2.40	1.80
29	1.30	2.00	1.60	1.90	2.40	2.40	1.90
30	1.30	1.70	1.60	1.80	0.00	2.40	2.00
31	1.60	0.00	1.60	1.60	0.00	2.30	0.00
TOTAL	52.00	58.90	50.40	49.80	60.70	71.70	63.80

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR

STEWART GL ABV W F 09306022 WY 1980 MEAN DAILY DISCHARGE

	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV
1	1.90	1.80	1.80	1.60	1.80		
2	1.90	1.80	1.90	1.60	1.80		
3	1.90	1.80	1.80	1.60	1.80		
4	1.80	1.80	1.70	1.50	2.00		
5	1.80	1.80	1.60	1.50	2.00		
6	1.80	1.70	1.60	1.50	2.10		
7	1.80	1.70	1.60	1.60	2.00		
8	1.80	1.70	1.60	1.60	2.10		
9	1.70	1.80	1.60	1.60	2.20		
10	1.70	1.80	1.60	1.60	2.30		
11	1.80	2.00	1.60	1.60	2.20		
12	1.80	2.00	1.60	1.60	2.20		
13	1.80	2.00	1.60	1.60	2.10		
14	1.80	1.80	1.60	1.60	2.00		
15	1.80	1.80	1.60	1.60	1.80		
16	1.80	1.80	1.60	1.60	1.70		
17	1.90	1.80	1.60	1.60	1.70		
18	1.90	1.70	1.50	1.60	2.30		
19	1.90	1.70	1.60	1.50	2.30		
20	1.90	1.70	1.60	1.50	2.30		
21	1.90	1.60	1.60	1.30	2.30		
22	1.90	1.60	1.50	0.96	2.30		
23	1.90	1.60	1.60	1.25	2.40		
24	1.90	1.60	1.60	1.71	2.50		
25	1.90	1.60	1.60	1.80	2.40		
26	1.90	1.60	1.60	1.80	2.40		
27	1.90	1.60	1.60	1.70	2.40		
28	1.90	1.60	1.60	1.80	2.40		
29	1.90	1.60	1.60	1.70	2.50		
30	1.80	1.60	1.60	1.70	2.40		
31	1.80	0.00	1.60	1.80	0.00		
TOTAL	57.20	52.00	50.20	49.02	64.70		

WATER YEAR TOTAL 680.42 MEAN 1.86

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR

W F STEWART GL NR RIO BLANCO, CO. 09306025 1980 WY

	OCT	NOV	DEC	JAN	FEB	MAR	APR
1					0.00	0.00	
2					0.00	0.00	
3					0.00	0.00	
4					0.00	0.00	
5					0.00	0.00	
6					0.00	0.00	
7					0.00	0.00	
8					0.00	0.00	
9					0.00	0.00	
10					0.00	0.00	
11					0.00	0.00	
12					0.00	0.00	
13					0.00	0.00	
14					0.00	0.08	
15					0.00	0.07	
16	NO FLOW	NO FLOW	NO FLOW	NO FLOW	0.10	0.00	NO FLOW
17					0.15	0.00	
18					0.21	0.00	
19					0.54	0.00	
20					0.46	0.00	
21					0.14	0.00	
22					0.00	0.00	
23					0.00	0.00	
24					0.00	0.00	
25					0.00	0.00	
26					0.00	0.00	
27					0.15	0.00	
28					0.18	0.00	
29					0.06	0.00	
30					0.00	0.00	
31					0.00	0.00	
TOTAL					1.99	0.15	

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR

W F STEWART GL NR RIO BLANCO, CO. 09306025 1980 WY

	MAY	JUNE	JULY	AUG	SEPT
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15	NO FLOW	NO FLOW	NO FLOW	NO FLOW	NO FLOW
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
TOTAL					

WATER YEAR TOTAL 2.14 MEAN 0.01

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR

W F STEWART GL AT MOUTH 09306028 1980 WY

	OCT	NOV	DEC	JAN	FEB	MAR	APR
1					0.00	0.20	
2					0.00	0.00	
3					0.00	0.05	
4					0.00	0.05	
5					0.00	0.05	
6					0.00	0.05	
7					0.00	0.00	
8					0.00	0.00	
9					0.00	0.00	
10					0.00	0.00	
11					0.00	0.00	
12					0.00	0.00	
13					0.00	0.00	
14					0.00	0.20	
15	NO FLOW	NO FLOW	NO FLOW	NO FLOW	0.00	0.20	NO FLOW
16					0.00	0.00	
17					0.00	0.00	
18					0.70	0.00	
19					0.55	0.00	
20					0.50	0.00	
21					0.20	0.00	
22					0.05	0.00	
23					0.00	0.00	
24					0.00	0.00	
25					0.00	0.00	
26					0.00	0.00	
27					0.40	0.00	
28					0.70	0.00	
29					0.40	0.00	
30					0.00	0.00	
31					0.00	0.00	
TOTAL							

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR

W F STEWART GL AT MOUTH 09306028 1980 WY

	MAY	JUNE	JULY	AUG	SEPT
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16	NO FLOW	NO FLOW	NO FLOW	NO FLOW	NO FLOW
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
TOTAL					
WATER YEAR TOTAL		6.59	MEAN	0.02	

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR

SORGHUM GL NR RIO BLANCO, CO. 09306033 1980 WY

	OCT	NOV	DEC	JAN	FEB	MAR	APR
1	NO FLOW	NO FLOW	NO FLOW	NO FLOW	NO FLOW	NO FLOW	0.00
2							0.00
3							0.00
4							0.00
5							0.00
6							0.00
7							0.00
8							0.00
9							0.00
10							0.00
11							0.00
12							0.00
13							0.00
14							0.00
15							0.00
16							0.00
17							0.00
18							0.00
19							0.00
20							0.00
21							0.00
22							0.02
23							0.01
24							0.00
25							0.01
26							0.01
27							0.00
28							0.00
29							0.01
30							0.01
31							0.00
TOTAL							0.07

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR

SORGHUM GL NR RIO BLANCO, CO. 09306033 1980 WY

	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV
1	0.01	0.01	0.58	NO FLOW	NO FLOW		
2	0.01	0.01	0.22				
3	0.01	0.00	0.13				
4	0.01	0.00	0.00				
5	0.01	0.00	0.00				
6	0.01	0.00	0.00				
7	0.01	0.00	0.00				
8	0.01	0.00	0.00				
9	0.01	0.00	0.00				
10	0.01	0.00	0.00				
11	0.01	0.00	0.00				
12	0.01	0.00	0.00				
13	0.01	0.00	0.00				
14	0.01	0.00	0.00				
15	0.01	0.00	0.00				
16	0.01	0.00	0.00				
17	0.01	0.00	0.00				
18	0.01	0.00	0.00				
19	0.01	0.00	0.00				
20	0.01	0.00	0.00				
21	0.01	0.00	0.00				
22	0.01	0.00	0.00				
23	0.01	0.00	0.00				
24	0.01	0.00	0.00				
25	0.00	0.00	0.00				
26	0.00	0.00	0.00				
27	0.00	0.00	0.00				
28	0.01	0.00	0.00				
29	0.01	0.00	0.00				
30	0.01	0.00	0.00				
31	0.01	0.00	0.00				
TOTAL	0.28	0.02	0.93				

WATER YEAR TOTAL 0.37 MEAN 0.00

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR

SORGHUM GL AT MOUTH 09306036 1980 WY

	OCT	NOV	DEC	JAN	FEB	MAR	APR
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15	NO FLOW	NO FLOW	NO FLOW	NO FLOW	NO FLOW	NO FLOW	NO FLOW
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL							

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR

SORGHUM GL AT MOUTH 09306036 1980 WY

	MAY	JUNE	JULY	AUG	SEPT
1			0.00		
2			0.06		
3			0.01		
4			0.00		
5			0.00		
6			0.00		
7			0.00		
8			0.00		
9			0.00		
10			0.00		
11			0.00		
12			0.00		
13			0.00		
14			0.00		
15	NO FLOW	NO FLOW	0.00	NO FLOW	NO FLOW
16			0.00		
17			0.00		
18			0.00		
19			0.00		
20			0.00		
21			0.00		
22			0.00		
23			0.00		
24			0.00		
25			0.00		
26			0.00		
27			0.00		
28			0.00		
29			0.00		
30			0.00		
31			0.00		
TOTAL			0.07		

WATER YEAR TOTAL 0.00 MEAN 0.00

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR

COTTONWOOD CR NR RIO BLANCO, CO 09306039 1980 WATER YEAR

	OCT	NOV	DEC	JAN	FEB	MAR	APR
1	NO FLOW	NO FLOW	NO FLOW	NO FLOW	0.00	NO FLOW	0.00
2					0.00		0.00
3					0.00		0.00
4					0.00		0.00
5					0.00		0.00
6					0.00		0.00
7					0.00		0.00
8					0.00		0.00
9					0.00		0.00
10					0.00		0.00
11					0.00		0.00
12					0.00		0.00
13					0.00		0.00
14					0.00		0.00
15					0.00		0.00
16					0.01		0.00
17					0.00		0.00
18					0.15		0.00
19					0.14		0.00
20					0.01		0.01
21					0.00		0.01
22					0.00		0.01
23					0.00		0.01
24					0.00		0.03
25					0.00		0.05
26					0.00		0.01
27					0.00		0.00
28					0.00		0.00
29					0.00		0.00
30					0.00		0.02
31					0.00		0.00
TOTAL					0.31		0.14

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR

COTTONWOOD CR NR RIO BLANCO, CO. 09306039 1980 WATER YEAR

	MAY	JUNE	JULY	AUG	SEPT
1	NO FLOW	NO FLOW	0.00	0.00	NO FLOW
2			0.03	0.00	
3			0.00	0.00	
4			0.00	0.00	
5			0.00	0.00	
6			0.00	0.00	
7			0.00	0.00	
8			0.00	0.00	
9			0.00	0.00	
10			0.00	0.00	
11			0.00	0.00	
12			0.00	0.00	
13			0.00	0.00	
14			0.00	0.00	
15			0.00	0.00	
16			0.00	0.00	
17			0.00	0.00	
18			0.00	0.00	
19			0.00	0.00	
20			0.00	0.00	
21			0.00	0.04	
22			0.00	0.00	
23			0.00	0.00	
24			0.00	0.00	
25			0.00	0.00	
26			0.00	0.00	
27			0.00	0.00	
28			0.00	0.00	
29			0.00	0.00	
30			0.00	0.00	
31			0.00	0.00	
TOTAL			0.03	0.04	

WATER YEAR TOTAL 0.52 MEAN 0.00

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR

PICEANCE CR TRIB NR RIO BLANCO 09306042 WY 1980 MEAN DAILY DISCHARGE IN CFS

	OCT	NOV	DEC	JAN	FEB	MAR	APR
1	0.02	0.00	0.30	0.00	0.00	0.30	0.05
2	0.03	0.00	0.00	0.00	0.00	0.30	0.05
3	0.00	0.00	0.00	0.00	0.00	0.30	0.05
4	0.00	0.00	0.00	0.00	0.00	0.40	0.04
5	0.07	0.10	0.00	0.00	0.00	0.20	0.04
6	0.00	0.25	0.00	0.00	0.00	0.20	0.04
7	0.00	0.00	0.00	0.00	0.00	0.20	0.02
8	0.02	0.20	0.18	0.00	0.00	0.50	0.00
9	0.02	0.21	0.00	0.00	0.00	0.10	0.40
10	0.00	0.00	0.00	0.00	0.00	0.20	0.40
11	0.03	0.00	0.00	0.00	0.00	0.20	0.50
12	0.04	0.00	0.00	0.00	0.00	0.30	0.50
13	0.00	0.00	0.00	0.00	0.00	0.00	0.50
14	0.00	0.12	0.00	0.00	0.00	0.20	0.40
15	0.00	0.00	0.15	0.06	0.00	0.50	0.70
16	0.00	0.00	0.10	0.05	0.05	0.40	0.68
17	0.05	0.00	0.00	0.05	0.20	0.00	0.64
18	0.12	0.00	0.00	0.00	0.50	0.05	0.73
19	0.32	0.00	0.05	0.20	1.00	0.20	0.86
20	0.19	0.00	0.10	0.60	0.50	0.20	0.91
21	0.00	0.00	0.05	0.10	0.30	0.20	1.02
22	0.00	0.00	0.00	0.00	0.30	0.20	0.90
23	0.00	0.00	0.00	0.00	0.30	0.20	0.30
24	0.00	0.03	0.00	0.00	0.20	0.10	0.00
25	0.00	0.26	0.00	0.00	0.20	0.10	0.29
26	0.00	0.00	0.00	0.30	0.20	0.10	0.13
27	0.00	0.00	0.10	0.05	0.20	0.10	0.04
28	0.05	0.00	0.15	0.00	0.20	0.10	0.80
29	0.00	0.00	0.15	0.00	0.20	0.10	0.87
30	0.13	0.10	0.10	0.00	0.00	0.05	0.42
31	0.15	0.00	0.00	0.01	0.00	0.05	0.00
TOTAL	1.24	1.27	1.43	1.42	4.35	6.05	12.28

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR

PICEANCE CR TRIB NR RIO BLANCO 09306042 WY 1980 MEAN DAILY DISCHARGE IN CFS

	MAY	JUNE	JULY	AUG	SEPT
1	0.00	0.00	0.52	0.00	0.60
2	0.00	0.00	0.74	0.00	0.70
3	0.00	0.00	0.72	0.00	1.20
4	0.04	0.00	0.71	0.00	1.20
5	0.00	0.00	0.65	0.00	1.40
6	0.00	0.00	0.16	0.00	1.40
7	0.13	0.00	0.60	0.55	1.50
8	0.51	0.00	0.65	0.68	1.40
9	0.71	0.00	0.70	1.19	1.40
10	0.74	0.12	0.76	1.24	1.40
11	0.80	0.72	0.98	1.34	1.40
12	0.81	0.47	1.12	1.81	1.00
13	0.76	0.00	1.13	1.71	1.50
14	0.79	0.00	1.17	1.66	1.90
15	0.87	0.00	1.15	1.81	1.40
16	0.94	0.00	1.10	1.82	1.40
17	0.97	0.00	0.61	1.08	1.50
18	0.91	0.24	0.37	1.19	1.50
19	0.84	0.00	0.00	1.74	1.40
20	0.36	0.00	0.00	1.62	1.50
21	0.00	0.00	0.36	1.00	1.50
22	0.00	0.00	1.11	1.50	1.50
23	0.00	0.00	1.19	1.50	1.50
24	0.00	0.20	1.21	1.10	1.40
25	0.00	0.23	1.19	1.60	1.60
26	0.00	0.15	1.17	1.30	1.80
27	0.00	0.11	1.15	1.30	1.80
28	0.00	0.18	0.47	1,20	1.60
29	0.00	0.20	0.00	1.20	1.60
30	0.00	0.29	0.00	0.90	1.60
31	0.00	0.00	0.00	0.70	0.00
TOTAL	10.18	2.91	21.69	32.74	42.60

WATER YEAR TOTAL 138.16 MEAN 0.38

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR

SCANDARD GL NR RIO BLANCO, CO 09306050 1980 WATER YEAR

	OCT	NOV	DEC	JAN	FEB	MAR	APR
1					0.00		
2					0.00		
3					0.00		
4					0.00		
5					0.00		
6					0.00		
7					0.00		
8					0.00		
9					0.00		
10					0.00		
11					0.00		
12					0.00		
13					0.00		
14					0.00		
15					0.00		
16					0.00		
17	NO FLOW	NO FLOW	NO FLOW	NO FLOW	0.00	NO FLOW	NO FLOW
18					0.00		
19					0.01		
20					0.00		
21					0.00		
22					0.00		
23					0.00		
24					0.00		
25					0.00		
26					0.00		
27					0.00		
28					0.00		
29					0.00		
30					0.00		
31					0.00		
TOTAL					0.01		

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR

SCANDARD GL NR RIO BLANCO, CO. 09306050 1980 WATER YEAR

	MAY	JUNE	JULY	AUG	SEPT
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15	NO FLOW	NO FLOW	NO FLOW	NO FLOW	NO FLOW
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
TOTAL					

WATER YEAR TOTAL 0.01 MEAN 0.00

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR

SCANDARD GL AT MOUTH 09306052 1980 WATER YEAR

	OCT	NOV	DEC	JAN	FEB	MAR	APR
1	NO FLOW	NO FLOW	NO FLOW	NO FLOW	0.00	0.00	NO FLOW
2					0.00	0.00	
3					0.00	0.00	
4					0.00	0.00	
5					0.00	0.00	
6					0.00	0.00	
7					0.00	0.00	
8					0.00	0.00	
9					0.00	0.00	
10					0.00	0.00	
11					0.00	0.00	
12					0.00	0.00	
13					0.00	0.00	
14					0.00	0.00	
15					0.00	0.01	
16					0.00	0.00	
17					0.00	0.00	
18					0.00	0.01	
19					1.90	0.01	
20					2.40	0.01	
21					0.16	0.01	
22					0.00	0.00	
23					0.00	0.00	
24					0.00	0.00	
25					0.00	0.00	
26					0.00	0.00	
27					0.00	0.00	
28					0.00	0.00	
29					0.00	0.00	
30					0.00	0.00	
31					0.00	0.00	
TOTAL					4.46	0.05	

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR
SCANDARD GL AT MOUTH 09306052 1980 WATER YEAR

	MAY	JUNE	JULY	AUG	SEPT
1	NO FLOW	NO FLOW	NO FLOW	NO FLOW	NO FLOW
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
TOTAL					

WATER YEAR TOTAL 4.51 MEAN 0.01

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR

WILLOW CR NR RIO BLANCO, CO 09306058 WY 1980

	OCT	NOV	DEC	JAN	FEB	MAR	APR
1	2.20	4.40	4.50	3.40	3.30	4.30	4.10
2	5.20	5.20	4.40	3.40	3.30	4.20	4.10
3	4.60	5.20	4.40	3.40	3.30	4.30	4.10
4	4.60	5.60	4.30	3.30	3.20	4.40	4.10
5	4.60	6.00	4.50	3.00	3.20	4.40	4.10
6	4.90	6.00	4.50	2.70	3.20	4.40	4.10
7	4.60	5.20	4.40	3.30	3.30	4.30	4.00
8	4.60	4.40	4.40	3.30	3.00	4.30	3.90
9	4.40	4.60	4.40	3.00	3.10	4.20	3.90
10	4.40	4.60	4.50	3.00	3.10	4.30	3.90
11	4.10	4.60	4.40	3.10	3.10	4.40	3.70
12	3.90	4.90	4.40	3.20	3.10	4.40	3.40
13	3.90	4.60	4.20	3.60	3.00	4.40	3.30
14	4.10	4.40	4.20	3.90	3.10	4.40	3.40
15	3.90	4.40	4.00	3.70	3.20	4.50	3.40
16	3.70	4.40	3.70	3.60	3.30	4.60	3.70
17	3.90	4.30	3.60	3.30	3.30	4.20	3.70
18	4.10	4.60	3.60	3.30	4.00	4.40	3.90
19	4.10	4.60	3.60	3.20	6.00	4.30	3.60
20	4.40	4.60	3.30	3.30	5.30	4.30	2.80
21	4.40	4.60	3.20	3.20	4.70	4.30	2.90
22	3.90	4.80	3.60	3.20	4.50	4.40	3.00
23	3.90	5.10	3.40	3.10	4.40	4.30	2.90
24	4.00	4.50	3.30	3.00	4.40	4.30	3.00
25	3.70	4.60	3.30	3.30	4.40	4.30	3.00
26	3.90	4.60	3.60	3.30	4.40	4.10	3.20
27	3.90	4.90	3.40	3.30	4.50	4.10	3.30
28	4.40	4.80	3.40	3.30	4.50	4.10	3.30
29	5.20	4.70	3.40	3.30	0.00	4.20	3.00
30	5.60	4.60	3.40	3.30	0.00	4.20	3.55
31	4.40	0.00	3.40	3.30	0.00	4.10	0.00
TOTAL	131.50	143.80	120.70	101.30	105.20	133.40	106.35

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR

WILLOW CR NR RIO BLANCO, CO. 09306058 WY 1980

	MAY	JUNE	JULY	AUG	SEPT
1	3.00	1.40	3.50	4.10	5.20
2	2.90	1.90	3.60	4.30	5.00
3	2.80	2.20	2.60	4.30	4.80
4	1.20	1.60	2.80	4.40	4.80
5	0.23	1.10	3.00	4.50	4.90
6	0.25	1.30	3.20	4.50	4.80
7	0.38	1.40	3.50	4.60	4.80
8	0.27	1.40	5.30	5.10	4.90
9	0.20	1.90	5.50	5.60	4.90
10	0.18	3.80	5.50	5.80	4.90
11	0.22	3.20	5.00	6.10	4.90
12	0.20	3.40	4.60	6.30	4.90
13	0.18	4.20	5.30	6.40	4.80
14	1.09	4.10	6.30	6.40	4.70
15	2.48	4.00	6.30	6.50	4.70
16	2.32	3.20	6.30	6.40	4.70
17	1.91	4.00	5.90	6.30	4.60
18	2.41	4.50	5.80	6.30	4.60
19	3.43	4.10	5.60	6.40	4.60
20	3.50	4.50	5.10	6.20	4.50
21	3.80	4.50	4.70	5.70	4.50
22	4.20	4.40	4.50	5.60	4.40
23	3.70	3.80	4.50	5.60	3.10
24	2.70	2.20	6.20	5.80	1.20
25	3.10	3.30	6.20	5.70	1.20
26	3.00	4.10	5.70	5.70	1.30
27	3.20	4.00	4.40	5.60	2.80
28	3.70	3.60	5.70	5.70	7.10
29	4.00	2.10	5.00	5.70	5.00
30	3.70	2.90	4.80	5.70	4.50
31	1.60	0.00	3.90	5.70	0.00
TOTAL	65.85	92.60	150.30	173.00	131.10

WATER YEAR TOTAL 1455.10 MEAN 3.99

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR

PICEANCE CR ABV HUNTER 09306061 WY 1980

	OCT	NOV	DEC	JAN	FEB	MAR	APR
1	10.00	21.00	18.00	21.00	17.00	25.00	21.00
2	12.00	19.00	17.00	20.00	17.00	25.00	22.00
3	13.00	19.00	21.00	19.00	18.00	25.00	22.00
4	13.00	18.00	19.00	18.00	17.00	26.00	22.00
5	14.00	18.00	19.00	17.00	17.00	25.00	23.00
6	14.00	19.00	20.00	16.00	18.00	23.00	23.00
7	14.00	19.00	19.00	17.00	18.00	22.00	24.00
8	13.00	19.00	20.00	17.00	18.00	22.00	23.00
9	13.00	20.00	20.00	17.00	18.00	21.00	23.00
10	13.00	19.00	20.00	18.00	18.00	21.00	24.00
11	14.00	19.00	21.00	17.00	18.00	21.00	24.00
12	13.00	19.00	21.00	16.00	17.00	21.00	24.00
13	12.00	19.00	22.00	19.00	17.00	22.00	23.00
14	11.00	21.00	22.00	23.00	18.00	23.00	23.00
15	11.00	23.00	22.00	23.00	20.00	24.00	25.00
16	11.00	23.00	23.00	20.00	22.00	26.00	25.00
17	13.00	23.00	23.00	20.00	21.00	26.00	27.00
18	14.00	23.00	24.00	19.00	28.00	23.00	30.00
19	15.00	24.00	25.00	19.00	36.00	22.00	35.00
20	19.00	24.00	25.00	19.00	30.00	22.00	40.00
21	19.00	23.00	26.00	19.00	26.00	22.00	45.00
22	20.00	22.00	26.00	19.00	24.00	23.00	50.00
23	21.00	22.00	25.00	19.00	23.00	23.00	55.00
24	21.00	21.00	25.00	19.00	23.00	23.00	60.00
25	21.00	22.00	25.00	19.00	23.00	23.00	69.00
26	21.00	22.00	25.00	19.00	23.00	22.00	67.00
27	21.00	22.00	25.00	19.00	25.00	21.00	66.00
28	21.00	21.00	24.00	18.00	25.00	21.00	65.00
29	21.00	21.00	24.00	18.00	27.00	22.00	66.00
30	21.00	21.00	23.00	18.00	0.00	22.00	81.00
31	21.00	0.00	22.00	18.00	0.00	22.00	0.00
TOTAL	490.00	626.00	691.00	580.00	622.00	710.00	1127.00

DISCHARGE, IN CFS, WATER YEAR 1980, MEAN VALUES, FOR
PICEANCE CR ABV HUNTER 09306061 WY 1980

	MAY	JUNE	JULY	AUG	SEPT
1	86.00	36.00	9.80	25.40	24.80
2	78.00	34.00	13.00	28.70	23.30
3	80.00	32.00	11.00	28.60	23.50
4	82.00	29.00	9.10	28.50	23.70
5	79.00	27.00	9.50	29.20	24.50
6	75.00	21.00	8.50	29.20	25.00
7	82.00	18.00	9.30	30.20	25.50
8	90.00	13.00	10.00	28.60	25.50
9	90.00	11.00	11.00	27.60	25.10
10	83.00	12.00	12.00	26.30	25.30
11	76.00	17.00	11.00	25.00	23.00
12	107.00	18.00	11.00	25.90	21.50
13	121.00	16.00	11.00	27.10	22.20
14	110.00	16.00	13.00	28.40	21.70
15	107.00	15.00	13.00	28.00	20.30
16	99.00	16.00	12.00	27.30	20.40
17	96.00	14.00	10.40	26.40	19.20
18	103.00	11.00	10.20	26.30	17.10
19	100.00	10.00	10.60	26.60	16.50
20	90.00	9.80	10.90	26.60	19.30
21	78.00	9.70	10.90	26.40	20.40
22	73.00	11.00	11.20	26.80	21.00
23	71.00	11.00	12.00	25.70	18.10
24	68.00	8.60	16.40	27.10	10.00
25	68.00	8.50	19.50	26.90	7.90
26	66.00	8.90	20.30	27.10	6.70
27	63.00	11.00	18.80	26.60	5.50
28	60.00	10.00	19.70	25.70	7.00
29	54.00	9.90	18.30	25.40	8.90
30	44.00	9.40	20.80	26.40	8.80
31	37.00	00.00	24.40	25.80	580.00 -
TOTAL	2516.00	473.80	408.60	839.80	561.40

WATER YEAR TOTAL 9645.60 MEAN 26.43

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2.2.1.2 Springs and Seeps

This section contains flow and field measurement data for springs and seeps monitored under the Development Monitoring Plan (DMP) and the Water Augmentation Plan (WAP).

Ten springs and one seep monitored in the vicinity of Tract C-b are shown on Figure 2.2.1.2-1. Data consisting of flow, temperature, pH dissolved oxygen, and specific conductance for these monitoring stations are presented in Table 2.2.1.2-1.

Sixteen additional springs monitored around the outer boundaries of Tract C-b are shown on Figure 2.2.-1 (jacket map). Flow data for these stations are presented in Table 2.2.1.2-2.

Monitoring stations in this section are referenced by a four digit computer station code. For additional information on these codes refer to Section 4.0 (Data Automation).

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SPRINGS AND SEEPS AROUND
Cb TRACT

Figure 2.2.1.2-1

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TABLE 2.2.1.2-1

CB-TRACT
WATER FLOW AND FIELD MEASUREMENTS
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WS01	80	1	2		.12	11.5	7.7	8.4	1300.0
			9		.12				
			23		2.52				
			30		2.57				
		2	6		1.86	2.0	7.8	18.0	1300.0
			13		2.35				
			20		2.39				
			29		2.35				
		3	5		2.93	8.0	7.8	10.5	1300.0
			13		2.39				
			18		2.44				
			28		2.44				
		4	3		2.52				
			14		2.31				
			23		2.61				
		5	2		2.52				
			9		2.39	10.0	8.0	5.5	1000.0
			16	DIVERT					
			19	DIVERT					
			29	DIVERT					
		6	3	DIVERT					
			9		1.20	20.5	7.6	7.1	1100.0
			16	DIVERT					
			25	DIVERT					
		7	1	DIVERT					
			10		-.09				
			17		-.09				
			25		2.52				
		8	8		2.35	11.0	7.9	7.2	1100.0
			14		2.31				
			21		2.18				
			29		2.18				
		9	3		2.44	13.0	7.6	8.4	1200.0
			10		1.78				
			18		1.94				
			23	DIVERT					
			30	DIVERT					
		10	8		2.10	17.0	7.9	8.1	1440.0

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN
DIVERT = FLOW DIVERTED FOR IRRIGATION

TABLE 2.2.1.2-1
(Cont)

CB-TRACT
WATER FLOW AND FIELD MEASUREMENTS
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WS01	80	10	13	DIVERT					
			23		2.06				
			29		2.02				
		11	4		2.02	11.1	7.8	9.2	1090.0
			12		1.98				
			19		2.52				
			24		2.70				
WS02	80	1	2		.05	9.5	7.8	9.0	1200.0
			9		.05				
			23		.04				
			30		.03				
		2	6		.03	3.0	8.1	14.6	1200.0
			13		.03				
			20		.04				
			29		.04				
		3	5		.04	13.0	8.0	10.0	1100.0
			13		.04				
			18		.04				
			28		.04				
		4	3		.04				
			14		.04				
			24		.37				
			30		.04				
		5	9		.04	10.5	8.1	7.3	1050.0
			16		.03				
			19		.05				
			29		.05				
		6	3		.05				
			9		.05	14.5	7.9	7.3	1000.0
			16		.04				
			24		.04				
		7	1		.04				
			10		.04				
			17		.15				
			25		.03				
			29		.04				
		8	8		.05	10.0	7.8	7.1	1050.0

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN
DIVERT = FLOW DIVERTED FOR IRRIGATION

TABLE 2.2.1.2-1
(Cont)

CB-TRACT
WATER FLOW AND FIELD MEASUREMENTS
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WS02	80	8	14		.05				
			21		.06				
			26		.06				
		9	3		.05	11.0	7.7	8.5	1124.0
			10		.08				
			18		.09				
			23		.09				
			30		.09				
		10	8		.09	14.0	7.9	8.2	1300.0
			13		.09				
			24		.09				
			29		.08				
		11	4		.08	10.7	8.1	7.6	970.0
			12		.08				
			19		.08				
			24		.08				
WS03	80	1	2		6.79	8.5	7.7	9.4	1225.0
			9		6.79				
			23		-.66				
			30		-.66				
		2	6		-.66	3.0	7.7	16.0	1400.0
			13		-.66				
			20		-.66				
			29		-.66				
		3	5		-.66	7.0	7.7	10.4	1400.0
			13		.88				
			18		-.66				
			28		-.66				
		4	3		-.66				
			14		.66				
			23		-.66				
		5	2		-.66				
			9		-.66	9.5	7.9	7.3	1100.0
			16		.82				
			19	DIVERT					
			29	DIVERT					
		6	3		2.57				

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN
DIVERT = FLOW DIVERTED FOR IRRIGATION

TABLE 2.2.1.2-1
(Cont)

CB-TRACT
WATER FLOW AND FIELD MEASUREMENTS
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WS03	80	6	9		.66	19.6	7.4	7.2	1310.0
			16		-.12				
			25		2.09				
		7	1		2.09				
			10		1.93				
			17		-.66				
			25		-.66				
		8	8	DIVERT					
			14	DUVERT					
			21	DIVERT					
			26	DIVERT					
		9	3	DIVERT					
			10	INACCS					
			18	DIVERT					
			23	DIVERT					
			30	DIVERT					
		10	8	NOFLME					
			13	DIVERT					
			23	DIVERT					
			29	DIVERT					
		11	4		1.30	11.2	7.6	6.5	1130.0
			12		1.24				
			19		.66				
			24		-.66				
WS04	80	1	2		.50	11.0	7.8	8.3	1200.0
			9		.48				
			23		.48				
			30		.48				
		2	6		.48	2.0	7.8	16.0	1200.0
			13		.52				
			20		.52				
			29		.54				
		3	5		.54	10.5	7.9	10.3	1200.0
			13		.58				
			18		.60				
			28		.56				
		4	3		.54				

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN
DIVERT = FLOW DIVERTED FOR IRRIGATION

TABLE 2.2.1.2-1
(Cont)

CB-TRACT
WATER FLOW AND FIELD MEASUREMENTS
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WS04	80	4	14		.54				
			24		.50				
			30		.50				
		5	9		.48	12.5	7.7	6.6	1000.0
			16		.48				
			19		.41				
			29		.43				
		6	3		.39				
			9		.39	17.0	7.7	6.5	1000.0
			16		.37				
			24		.37				
		7	1		.37				
			10		.34				
			17		.07				
			25		.32				
			29		.34				
		8	8		.37	12.0	7.7	6.7	1100.0
			14		.39				
			21		.43				
			25		.48				
		9	3		.52	12.0	7.6	8.0	1137.0
			10		.56				
			18		.58				
			23		.58				
			30		.56				
		10	8		.56	14.0	7.9	7.7	1320.0
			13		.54				
			24		.54				
			29		.54				
		11	4		.54	11.1	8.3	6.8	1020.0
			12		.52				
			19		.52				
			24		.52				
WS06	80	1	3	DIVERT		11.0	7.9	8.8	1250.0
			9		1.51				
			23		1.56				
			31		.87				

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN
DIVERT = FLOW DIVERTED FOR IRRIGATION

TABLE 2.2.1.2-1
(Cont)

CB-TRACT
WATER FLOW AND FIELD MEASUREMENTS
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WS06	80	2	6		1.15	1.0	7.7	14.2	1400.0
			20	INACCS					
			27		1.17				
		3	10		.99	10.0	7.6	6.8	1300.0
			18		.99				
			26		.56				
		4	2		.52				
			8		.56				
			14		.52				
			22		.48				
		5	2		.48				
			9		.48	10.0	7.5	5.5	1100.0
			21	DIVERT					
			30	DIVERT					
		6	3	NOFLME					
			12		.88				
			16		.41				
			25		.92	19.0	7.1	5.6	1370.0
			30		.92				
		7	10		.50				
			15		.15				
			25		.96				
		8	8		.92	11.0	7.5	5.8	1280.0
			14		.84				
			22		.77				
			29		.88				
		9	3		.77	12.0	7.3	6.4	1310.0
			9		.67				
			19		.67				
			26		.64				
		10	8		.46	14.0	7.2	6.3	1560.0
			15		.58				
			23		.55				
			30		.58				
		11	5		.51	11.5	7.5	5.8	1170.0
			13		.55				
			19		.84				
			26		.51				

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN
DIVERT = FLOW DIVERTED FOR IRRIGATION

TABLE 2.2.1.2-1
(Cont)

CB-TRACT
WATER FLOW AND FIELD MEASUREMENTS
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WS07	80	1	3	NOFLME		10.5	7.6	8.0	1200.0
			9	NOFLME					
			23	NOFLME					
			31	NOFLME					
		2	6	NOFLME		2.0	7.6	10.3	1425.0
			20	NOFLME					
			27	NOFLME					
		3	10	NOFLME		13.5	7.4	7.9	1300.0
			18	NOFLME					
			26	NOFLME					
		4	2	NOFLME					
			8	NOFLME					
			14	NOFLME					
			22	NOFLME					
		5	2	NOFLME					
			9	NOFLME		11.5	7.4	6.8	1200.0
			21		.32				
			30		.40				
		6	3		.43				
			16		.50				
			25		.52	20.0	7.2	5.7	1320.0
			30		.52				
		7	10		.57				
			15		.52				
			25		.52				
		8	8		.52	12.0	7.3	5.4	1230.0
			14		.49				
			22		.46				
			29		.41				
		9	3		.45	10.0	7.3	6.9	1350.0
			9		.38				
			19		.33				
			26		.34				
		10	8	NOFLME		15.0	7.5	5.8	1580.0
		11	5	NOFLME					
			13	NOFLME					
			19	NOFLME					
			26	NOFLME					

DRY = SPRING DRY
NOFLME = NO FLUME
\- = LESS THAN
DIVERT = FLOW DIVERTED FOR IRRIGATION

TABLE 2.2.1.2-1
(Cont)

CB-TRACT
WATER FLOW AND FIELD MEASUREMENTS
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WS08	80	1	3		.22	9.0	7.7	7.7	1400.0
			9		.14				
			23		.19				
			31		.11				
		2	6		.14	3.0	7.6	9.4	1400.0
			20		.34				
			27		.10				
		3	5		.07	9.0	7.5	5.8	1400.0
			10		.07				
			18		-.07				
			26		-.05				
		4	2		.01				
			8		-.05				
			14		.05				
			24		-.05				
		5	2		-.05				
			16	DRY	.00				
			30		-.05				
		6	3		.05				
			16		.48				
			25		.56	18.5	7.2	6.2	1335.0
			30		.48				
		7	10		.60				
			15		.76				
			25		.65				
			29		.78				
		8	8		.82	12.0	7.4	6.2	1250.0
			14		.69	.0	.0		
			22		.65	.0	.0		
			29		.60	.0	.0		
		9	3		.54	12.0	7.3	6.5	1240.0
			9		.16				
			19		.05				
			23		-.05				
		10	2		-.05				
			8		-.05				
			15		-.05				
			23		-.05				

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN
DIVERT = FLOW DIVERTED FOR IRRIGATION

TABLE 2.2.1.2-1
(Cont)

CB-TRACT
WATER FLOW AND FIELD MEASUREMENTS
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WS08	80	10	30		.11				
		11	4		.11	10.7	7.6	5.5	1140.0
			13		.10				
			19		-.05				
			26		-.01				
WS09	80	1	3		.20	8.5	7.7	9.0	1400.0
			9		.20				
			23		.20				
			31		.20				
		2	6		.20	2.0	7.7	14.8	1400.0
			20		.22				
			27		.22				
		3	5		.22	9.5	7.6	9.8	1400.0
			10		.22				
			18		.23				
			26		.22				
		4	2		.22				
			8		.20				
			14		.20				
			24		.20				
		5	2		.21				
			9		.22	10.5	7.5	7.6	1150.0
			16		.24				
			30		.22				
		6	3		.21				
			16		.20				
			25		.20	17.0	7.4	7.1	1360.0
			30		.22				
		7	10		.22				
			15		.22				
			25		.22				
			29		.20				
		8	8		.21	11.0	7.3	6.9	1250.0
			14		.20				
			22		.22				
			29		.20				
		9	3		.31	10.0	7.3	6.8	1260.0

DRY = SPRING DRY
NOFLME = NO FLUME
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DIVERT = FLOW DIVERTED FOR IRRIGATION

TABLE 2.2.1.2-1
(Cont)

CB-TRACT
WATER FLOW AND FIELD MEASUREMENTS
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WS09	80	9	9		.20				
			19		.20				
			23		.20				
		10	2		.20				
			8		.21	14.0	7.4	6.1	1470.0
			15		.21				
			23		.21				
			30		.20				
		11	4		.20	10.1	7.6	6.3	1120.0
			13		.20				
			19		.20				
			26		.20				
WS10	80	1	3		.62	9.0	8.0	9.2	1250.0
			9		.62				
			23		.65				
			31		.65				
		2	6		.60	3.5	7.8	12.8	1200.0
			20	LEAKNG	.00				
			27		.58				
		3	5		.56	7.0	7.8	10.0	1200.0
			10		.65				
			18		.54				
			26		.54				
		4	2		.52				
			8		.52				
			14		.52				
			24		.50				
		5	2		.48				
			9		.48	11.5	7.9	9.8	1100.0
			16		.60				
			30		.65				
		6	3		.62				
			16		.60				
			25		.58	21.0	7.9	6.5	1300.0
			30		.60				
		7	10		.60				
			15		.60				

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN
DIVERT = FLOW DIVERTED FOR IRRIGATION

TABLE 2.2.1.2-1
(Cont)

CB-TRACT
WATER FLOW AND FIELD MEASUREMENTS
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WS10	80	7	25		.58				
			29		.52				
		8	8		.52	12.0	7.7	6.8	1300.0
			14		.56				
			22		.65				
			29		.60				
		9	3		.56	11.0	7.8	10.2	1180.0
			9		.56				
			19		.54				
			23		.52				
		10	2		.50				
			8		.50	13.0	7.5	6.4	1450.0
			15		.52				
			23		.50				
			30		.52				
		11	4		.50	12.5	8.0	11.4	1100.0
			13		.50				
			19		.48				
			26		.48				
WS11	80	4	14		.60				
			24		.58				
		5	2		.60				
			9		.60	9.0	7.6	6.3	1100.0
			16		.60				
			30		.65				
		6	3		.65				
			16		.62				
			25		.57	17.0	7.5	6.6	1280.0
			30		.64				
		7	10		.61				
			15		.60				
			25		.57				
			29		.55				
		8	8		.56	10.0	7.6	6.2	1290.0
			14		.58				
			22		.61				
			29		.60				

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN
DIVERT = FLOW DIVERTED FOR IRRIGATION

TABLE 2.2.1.2-1
(Cont)

CB-TRACT
WATER FLOW AND FIELD MEASUREMENTS
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WS11	80	9	3		.73	10.0	7.4	7.8	1210.0
			9		.57				
			19		.55				
			23		.52				
		10	2		.52				
			8		.52	15.0	6.7	6.9	1370.0
			15		.53				
			23		.55				
			30		.52				
		11	4		.52	10.1	7.7	5.8	1050.0
			13		.51				
			19		.64				
			26		.50				
WS12	80	6	13		-.35				
			16		-.20				
			25		-.20	18.0	7.7	7.3	1260.0
		7	1		-.35				
			10		-.35				
			17		.23				
			25		.35				
			31		.55				
		8	8		.61	12.0	7.6	6.8	1100.0
			14		.74				
			21		.71				
			25		.29				
		9	3		.23	12.0	7.7	8.0	1270.0
			10		.20				
			18		.23				
			23		.23				
		10	3		.23				
			8		.23	16.0	7.7	7.2	1470.0
			15		.35				
			23		.32				
			28		.32				
		11	4		.32	11.2	7.8	7.1	1210.0
			13		.29				
			19		.29				

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN
DIVERT = FLOW DIVERTED FOR IRRIGATION

TABLE 2.2.1.2-1
(Cont)

CB-TRACT
WATER FLOW AND FIELD MEASUREMENTS
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WS12	80	11	24		.29				

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN
DIVERT = FLOW DIVERTED FOR IRRIGATION

TABLE 2.2.1.2-2

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS21	80	1	2		.39
			9		.38
			15		.38
			23		.38
			29		.36
		2	6		.36
			12		.36
			20		.50
		3	5		.47
			11		.45
			18		.42
			25		.45
		4	3		.42
			8		.42
			15		.42
			22		.39
		5	5		.42
			14		.50
			20		.75
		6	10		.69
			17		.58
			24		.58
		7	2		1.23
			8		1.20
			15		1.17
			24		.97
		8	1		.73
			6		.69
			14		.61
			19		.47
			26		.48
		9	3		.47
			9		.47
			23		.45
		10	2		.48
			9		.47
			21		.52
		11	4		.50
			13		.50
			18		.48

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

TABLE 2.2.1.2-2
(Cont)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS21	80	11	25		.48
WS22	80	1	2		.46
			9		.45
			15		.50
			23		.50
			29		.47
		2	6		.47
			12		.46
			20		.53
		3	5		.52
			11		.51
			18		.51
			25		.51
		4	3		.50
			8		.50
			15		.48
			22		.47
		5	5		.65
			14		.67
			21		.73
			29		.73
		6	3		.73
			10		.69
			17		.65
			24		.64
		7	2		.66
			8		.65
			15		.65
			24		.62
		8	1		.60
			6		.60
			14		.56
			19		.58
			26		.61
		9	3		.58
			9		.58
		10	2		.58
			9		.56
			21		.57

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

TABLE 2.2.1.2-2
(Cont)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS22	80	11	4		.58
			13		.57
			18		.57
			25		.57
WS23	80	1	3		1.56
			10		1.56
			16		1.45
			24		1.45
			28		1.45
		2	7		1.45
			13		1.45
			20		1.45
			26		1.48
		3	6		1.50
			13		1.42
			20		1.45
			26		1.45
		4	4		1.53
			9		1.53
			16		1.45
			23		1.45
		5	6		1.68
			15		1.68
			21		1.68
			30		1.74
		6	4		1.74
			11		1.81
			18		2.06
			25		2.29
		7	3		2.40
			9		2.75
			16		2.75
			24		2.75
		8	2		3.50
			8		3.50
		9	4		3.00
			11		3.00
			25		3.00
		10	7		3.00

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

TABLE 2.2.1.2-2
(Cont)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS23	80	10	24		3.00
			31		2.93
		11	5		2.93
			14		2.75
			20		2.57
			26		2.22
WS24	80	1	2		1.04
			9		.99
			15		1.02
			29		.97
		2	6		.94
			12		.97
			20		1.02
			27		.94
		3	6		.94
			11		.92
			18		.92
			25		.87
		4	1		.89
			8		.87
			15		.85
			22		.87
		5	5		1.10
			14		1.68
			20		2.00
			29		2.22
		6	3		2.40
			10		2.40
			17		2.60
			24		2.40
		7	2		2.22
			9		2.16
			15		2.06
			24		1.93
		8	1		1.84
			6		1.84
			12		1.84
			19		1.90
			27		1.90

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

TABLE 2.2.1.2-2
(Cont)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS24	80	9	3		1.68
			11		1.68
			23		1.56
		10	2		1.56
			9		1.45
			22		1.36
			31		1.31
		11	5		1.28
			13		1.26
			19		1.26
			25		1.23
WS25	80	1	22	INACCS	.00
		2	20	INACCS	.00
		3	28	INACCS	.00
		5	23		6.00
		6	6		1.68
			13		1.59
			20		1.48
			26		1.45
		7	2		1.45
			8		.92
			15		.65
			24		.48
		8	1		.39
			6		.32
			12		.28
			19		.23
			26		.22
		9	3		.16
			9		.15
			23		.07
		10	2		.08
			9		.06
			21		.05
		11	4		.09
			11		.06
			18		.05
			25		.06

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

TABLE 2.2.1.2
(Cont)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS26	80	1	2		.26
			10		.28
			16		.27
			23		.29
			28		.29
		2	7		.28
			13		.27
			21		.30
			28		.32
		3	6		.31
			13		.29
			20		.30
			26		.29
		4	4		.28
			9		.28
			16		.29
			24		.28
		5	6		.27
			15		.31
			21		.36
			30		.37
		6	4		.56
			11		.73
			26		.45
		7	3		.64
			9		.44
			16		.99
			25		.37
		8	2		.64
			7		.51
			13		.32
			20		.29
			27		.28
		9	4		.29
			11		.30
			24		.30
		10	7		.26
			23		.29
			30		.28
		11	5		.27

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

TABLE 2.2.1.2-2
(Cont)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS26	80	11	14		.29
			20		.29
			26		.29
WS27	80	1	2		.15
			16		.15
			23		.15
			28		.15
		2	13		.15
			21		.15
			28		.15
		3	26		.15
		4	9		.15
			24		.20
		5	6		.24
			15		.50
			21		.47
			30		.47
		6	4		.44
			11		.34
			18		.30
			26		.27
		7	3		.29
			9		.28
			16		.27
			25		.27
		8	2		.26
			7		.24
			13		.22
			20		.25
			27		.24
		9	4		.24
			11		.23
			24		.21
		10	7		.20
			23		.19
			30		.19
		11	5		.19
			14		.18
			20		.18

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

TABLE 2.2.1.2-2
(Cont)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS27	80	11	26		.17
WS28	80	1	2		1.34
			11		1.31
			17		1.26
			23		1.26
			30		1.26
		2	8		1.23
			14		1.20
			22		1.28
			29		1.31
		3	6		1.31
			13		1.28
			21		1.31
			27		1.31
		4	10		1.31
			17		1.31
			25		1.31
			30		1.31
		5	7		1.28
			16		1.28
			22		1.31
			30		1.36
		6	5		1.39
			12	DIVERT	.00
			18	DIVERT	.00
			26	DIVERT	.00
		7	3	NS	.00
			9	NS	.00
			16	NS	.00
			25	NS	.00
		8	2		1.56
			7		1.53
			13		1.34
			20		1.26
		9	4		1.39
			11		1.39
			24		1.42
		10	7		1.39
			23		1.50

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

TABLE 2.2.1.2-2
(Cont)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS28	80	10	28		1.50
		11	5		1.50
			14		1.34
			20		1.34
			28		1.34
WS29	80	1	17		.04
		2	8		.04
		3	21		.05
		5	7		.09
			16		.15
			22		.31
			30		.50
		6	5		.45
			12		.45
			26		.30
		7	3		.26
			9		.21
			16		.19
			25		.15
		8	2		.14
			7		.12
			13		.11
			20		.11
			27		.11
		9	4		.11
			11		.10
			24		.09
		10	7		.08
			23		.08
			28		.08
		11	5		.08
			14		.07
			20		.07
			28		.08
WS30	80	1	11		2.96
			18		3.02
			31		3.02
		2	8		3.02

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

TABLE 2.2.1.2-2
(Cont)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS30	80	2	15		3.02
			22		3.02
			29		2.96
		3	6		2.96
			14		2.96
			21		3.02
			27		3.29
		4	10		3.41
			17		3.58
			24		3.58
			30		3.58
		5	7		3.50
			16		3.50
			22		3.50
			30		3.50
		6	5		3.00
			13		3.00
			20		3.00
			26		3.00
		7	3		3.00
			9		3.00
			16		3.00
			25		3.00
		8	8		4.31
			13		4.00
			20		4.00
			29		4.00
		9	4		4.00
			11		4.00
			24		4.00
			29		4.00
		10	7		3.50
			23		3.00
		11	6		3.41
			14		3.41
			19		3.41
			28		3.35
WS31	80	1	2		2.06
			11		2.00

DRY = SPRING DRY
NOFLME = NO FLUME
\- = LESS THAN

TABLE 2.2.1.2-2
(Cont)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS31	80	1	17		1.94
			23		1.94
			31		1.82
		2	8		2.00
			14		1.94
			22		1.94
			29		2.00
		3	6		2.00
			13		2.06
			21		2.19
			27		2.40
		4	10		2.19
			17		2.06
			25		2.00
			30		2.06
		5	7		2.06
			16		1.94
			22		1.88
			30		1.88
		6	5		1.76
			12		1.64
			18		1.58
			26		1.58
		7	3		.64
			9		1.64
			16		1.52
			25		1.46
		8	2		1.46
			7		1.46
			13		1.52
			20		1.58
		9	3		1.82
			11		1.88
			24		2.06
		10	7		2.19
			23		2.26
			28		2.26
		11	5		2.33
			14		2.19
			20		2.33

DRY = SPRING DRY
NOFLME = NO FLUME
\- = LESS THAN

TABLE 2.2.1.2-2
(Cont)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS32	80	1	2		.20
			10		.20
			16		.20
			23		.20
			28		.20
		2	7		.21
			13		.20
			21		.21
			28		.22
		3	6		.22
			13		.21
			20		.22
			26		.22
		4	4		.22
			9		.20
			16		.20
			24		.20
		5	6		.21
			15		.21
			21		.21
			30		.23
		6	4		.22
			11		.22
			18		.22
			26		.22
		7	2		.22
			9		.22
			16		.22
			25		.22
		8	2		.21
			7		.20
			13		.20
			20		.21
			27		.21
		9	4		.21
			11		.20
			24		.21
		10	7		.21
			23		.21
			30		.21

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

TABLE 2.2.1.2-2
(Cont)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS32	80	11	5		.21
			14		.20
			20		.21
			26		.20
WS33	80	1	2		1.07
			11		1.04
			17		1.07
			23		1.07
			30		1.10
		2	8		1.12
			14		1.02
			22		1.10
			29		1.00
		3	6		1.10
			13		1.10
			21		1.10
			27		1.12
		4	10		1.15
			17		1.20
			25		1.20
			30		1.45
		5	7		1.07
			16		1.10
			22		1.10
			30		1.12
		6	5		1.17
			12		1.07
			18		1.02
			24		1.02
		7	3		1.31
			9		1.23
			16		1.15
			25		1.17
		8	2		.97
			7		.97
			13		.97
			20		1.04
		9	4		1.07
			11		1.07

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

TABLE 2.2.1.2-2
(Cont)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS33	80	9	24		1.07
		10	7		1.07
			23		1.07
			28		1.10
		11	5		1.10
			14		.70
			20		.77
			28		.77
WS34	80	1	2		.63
			10		.67
			16		.67
			23		.63
			28		.63
		2	7		.63
			13		.61
			21		.61
			28		.65
		3	6		.63
			13		.54
			20		.54
			26		.54
		4	4		.60
			9		.60
			16		.60
			24		.60
		5	6		.60
			15		.60
			21		.61
			30		.64
		6	4		.60
			11		.60
			18		.61
			25		.61
		7	3		.64
			9		.61
			16		.60
			25		.60
		8	2		.57
			7		.56

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

TABLE 2.2.1.2-2
(Cont)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS34	80	8	13		.57
			20		.61
			27		.61
		9	4		.58
			11		.56
			24		.52
		10	7		.51
			23		.52
			30		.51
		11	5		.51
			14		.51
			20		.50
			26		.50
WS35	80	1	22		.34
		2	27		.25
		3	28		.22
		4	29		1.22
		5	23		1.74
		6	6		2.50
			13		3.00
			20		2.22
			26		1.81
		7	2		1.34
			8		1.17
			15		1.10
			24		1.04
		8	1		.99
			6		.92
			12		.89
			19		.82
			26		.80
		9	3		.76
			9		.73
			23		.61
		10	2		.58
			9		.56
			21		.56
		11	4		.52
			11		.45

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

TABLE 2.2.1.2-2
(Cont)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS35	80	11	18		.47
			25		.50
WS36	80	2	29		2.07
		3	5		1.94
			13		1.94
			18		2.19
			26	NS	.00
		4	3		2.39
			14		2.19
		5	2	NOFLME	.00
			9	NOFLME	.00
			29	NOFLME	.00
		6	3		1.70
			9		1.58
			16		1.58
			24		1.52
		7	1		1.52
			10		1.47
			17		1.47
			25		1.47
			29		1.47
		8	8		1.35
			14		1.58
			21		1.70
			25		1.70
		9	3		1.82
			10		1.94
			18		2.07
			23		2.07
			30		2.26
		10	8		2.26
			13		2.19
			24		2.19
			30		2.26
		11	4		2.33
			12		2.19
			19		2.33
			24		2.39

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

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2.2.1.3 Alluvial Wells

Water level and field measurement data for alluvial wells on Tract C-b are presented in Table 2.2.1.3-1. Location of these wells are shown in Figure 2.2.1.3-1.

Plots of alluvial wells monitoring water levels are presented in this section, for reference see Table 2.2.1.3-2.

Stevens Recorder instrumentation for monitoring continuous water levels are operating at ten alluvial wells. Table 2.2.1.3-3 lists these wells with corresponding computer codes.

An attempt has been made to refer to all stations by their four-digit computer station codes. For additional information on these codes refer to Section 4.0.

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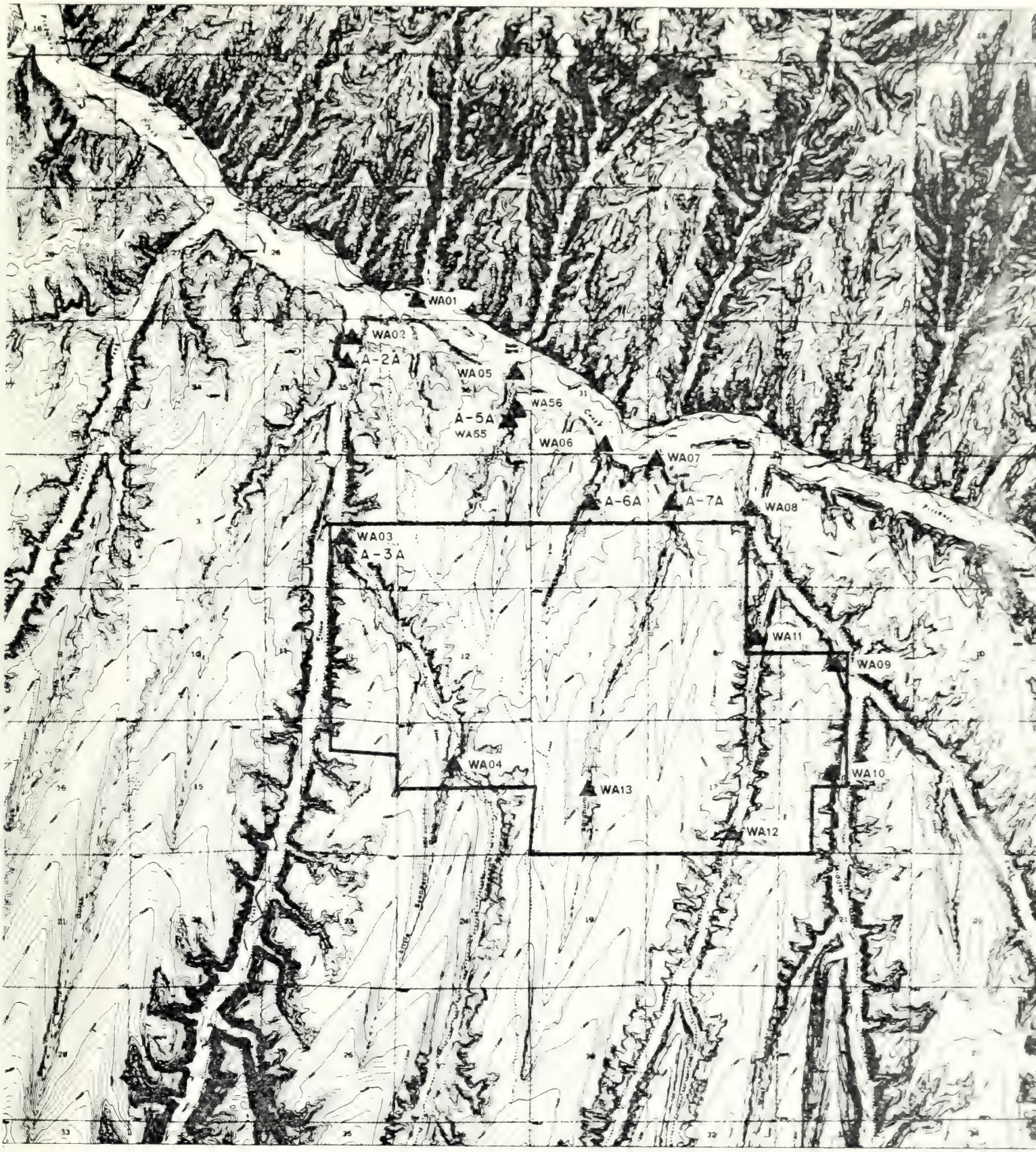

ALLUVIAL AQUIFER MONITORING NETWORK

Figure 2.2.1.3-1

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TABLE 2.2.1.3-1

CB-TRACT
WATER LEVELS AND FIELD MEASUREMENTS
ALLUVIAL WELLS
FOR SAMPLE DATE SHOWN

WELL	YR	MO	DY	STATUS	MEASURING PT ELEV (FT)	DEPTH (FT)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WA01	80	1	4		6282.2	6236.1				
		2	6		6282.2	6236.0	12.5	7.6	2.5	1700.0
			27		6282.2	6233.8	7.0	7.5	7.0	1600.0
		4	2		6282.2	6235.9	7.0	7.4	4.2	1600.0
			28		6282.2	6236.1				
		5	21		6282.2	6238.2	18.5	7.4	6.0	1830.0
		7	28		6282.2	6243.6				
		8	28		6282.2	6239.4	14.0	7.3	5.5	1490.0
		10	1		6282.2	6237.6	12.2	7.6	1.3	1820.0
			28		6282.2	6241.0	11.9	7.6	2.0	1690.0
		11	24		6282.2	6241.5	12.1	7.4	.4	1550.0
WA02	80	1	3		6284.5	6271.8				
		2	5		6284.5	6271.3	9.5	7.5	2.8	1000.0
			27		6284.5	6271.1	7.0	6.8	12.0	220.0
		4	2		6284.5	6270.6	5.0	6.8	3.2	220.0
			29		6284.5	6270.4				
		5	21		6284.5	6272.9	17.5	7.2	5.9	980.0
		6	30		6284.5	6275.0				
		7	30		6284.5	6274.8				
		8	29		6284.5	6273.2	12.5	7.4		1000.0
		10	2		6284.5	6272.7	10.0	8.6	.2	1540.0
			28		6284.5	6272.0	10.2	7.9	2.0	1280.0
		11	21		6284.5	6271.7	11.1	7.6	.7	1210.0
WA03	80	1	3		6448.6	6373.2				
		2	5		6448.6	6370.4	11.0	7.3	4.8	1200.0
			25		6448.6	6372.5	7.0	7.5	13.4	1300.0
		4	2		6448.6	6371.6	5.0	7.5	4.5	1200.0
			29		6448.6	6371.0				
		5	21		6448.6	6371.0	18.0	7.2	5.6	1550.0
		6	30		6448.6	6371.8				
		7	29		6448.6	6373.6				
		8	28		6448.6	6375.1	11.0	7.4	1.4	
		10	2		6448.6	6373.3	10.4	7.5	2.9	1740.0
			28		6448.6	6371.8	10.3	7.5	1.6	1450.0
		11	21		6448.6	6371.7	10.6	7.3	1.7	1210.0

PLUGGD = WELL PLUGGED
DRY = WELL DRY
FLWING = WELL FLOWING
INACCS = WELL INACCESSIBLE

Table 2.2.1.3-1
(CONT)

CB-TRACT
WATER LEVELS AND FIELD MEASUREMENTS
ALLUVIAL WELLS
FOR SAMPLE DATE SHOWN

WELL	YR	MO	DY	STATUS	MEASURING PT ELEV (FT)	DEPTH (FT)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WA04	80	1	3	DRY						
		2	12	DRY						
		4	2	DRY						
		5	15	DRY						
		6	30	DRY						
		7	30	DRY						
		8	28	DRY						
		10	28	DRY						
		11	24	DRY						
WA05	80	1	4		6345.0	6327.4				
		2	12		6345.0	6327.6	7.9	7.4	3.8	1390.0
		3	6		6345.0	6324.3	7.0	7.7	4.0	1300.0
		5	1		6345.0	6325.0				
			15		6345.0	6330.1				
			24		6345.0	6329.4	16.0	7.3	5.0	1470.0
		7	1		6345.0	6326.9				
			30		6345.0	6327.3				
		8	25		6345.0	6323.6	11.0	7.5	1.4	1100.0
		10	3		6345.0	6326.1	10.3	7.6	5.4	1730.0
			28		6345.0	6328.8	11.0	7.6	4.5	1390.0
		11	24		6345.0	6328.1	10.4	7.8	3.0	1440.0
WA06	80	1	4		6360.0	6324.1				
		2	12		6360.0	6325.3	9.0	7.4	2.8	1300.0
			26		6360.0	6325.3	8.0	8.2	9.4	80.0
		4	1		6360.0	6325.6	12.0	8.3	5.0	260.0
		5	23		6360.0	6331.1	16.5	7.2	7.8	970.0
		7	1		6360.0	6333.1				
			31		6360.0	6332.5				
		8	26		6360.0	6327.7	13.0	7.6	3.0	1150.0
		10	3		6360.0	6328.2	11.4	7.6	.3	1800.0
			29		6360.0	6337.3	11.4	7.3	.8	1380.0
		11	24		6360.0	6331.0	11.8	7.3	1.7	1450.0
WA07	80	1	4		6383.8	6350.5				
		2	12	DRY	6383.8					
			26	DRY	6383.8					

PLUGGD = WELL PLUGGED
DRY = WELL DRY
FLWING = WELL FLOWING
INACCS = WELL INACCESSIBLE

TABLE 2.2.1.3-1
(CONT)

CB-TRACT
WATER LEVELS AND FIELD MEASUREMENTS
ALLUVIAL WELLS
FOR SAMPLE DATE SHOWN

WELL	YR	MO	DY	STATUS	MEASURING PT ELEV (FT)	DEPTH (FT)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WA07	80	4	1	DRY	6383.8					
		7	1		6383.8	6354.9				
			31		6383.8	6355.5				
		8	26		6383.8	6353.6	12.5	7.8		1100.0
		10	3		6383.8	6352.8	10.3	8.1	3.6	1340.0
			29		6383.8	6352.0	10.2	7.7	4.8	1060.0
		11	24		6383.8	6351.1	10.1	7.8	4.2	1090.0
WA08	80	1	3		6409.0	6386.1				
		2	12	INACCS	6409.0					
		3	5		6409.0	6387.3	7.5	7.7	7.4	1200.0
		4	3		6409.0	6387.3	6.6	7.3	4.6	1500.0
		5	1		6409.0	6384.0				
			21		6409.0	6385.4	18.0	7.3	5.4	1390.0
		7	1		6409.0	6385.3				
			31		6409.0	6385.5				
		8	29		6409.0	6385.0	12.0	7.6		1200.0
		10	13		6409.0	6386.3	9.6	8.5	8.3	1690.0
			31		6409.0	6386.1	10.3	7.6	5.5	1300.0
		11	24		6409.0	6376.9	10.1	7.6	4.3	1380.0
WA09	80	1	4		6540.2	6493.4				
		2	13		6540.2	6493.3	8.5	7.7	8.7	1100.0
			29		6540.2	6493.3	5.0	7.9	.0	1000.0
		4	3		6540.2	6493.3	8.0	7.4	8.0	1000.0
			29		6540.2	6491.2				
		5	23		6540.2	6491.2	17.5	7.3	6.2	1450.0
		7	1		6540.2	6493.0				
			29		6540.2	6493.0				
		8	26		6540.2	6493.7	10.0	7.7	9.2	1170.0
		10	13		6540.2	6494.5	10.8	8.3	8.0	1450.0
			29		6540.2	6494.3	10.5	7.7	6.5	1130.0
		11	24		6540.2	6494.1	10.2	7.7	7.6	1260.0
WA10	80	1	3		6610.6	6566.9				
		2	13	DRY	6610.6					
		4	3	DRY	6610.6					
		7	1	DRY	6610.6					

PLUGGD = WELL PLUGGED
DRY = WELL DRY
FLWING = WELL FLOWING
INACCS = WELL INACCESSIBLE

TABLE2.2.1.3-1
(CONT)

CB-TRACT
WATER LEVELS AND FIELD MEASUREMENTS
ALLUVIAL WELLS
FOR SAMPLE DATE SHOWN

WELL	YR	MO	DY	STATUS	MEASURING PT ELEV (FT)	DEPTH (FT)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WA10	80	7	29	DRY	6610.6					
		10	29	DRY	6610.6					
		11	20	DRY	6610.6					
WA11	80	2	13	PLUGGD	6503.8					
		4	3	PLUGGD	6503.8					
		7	1	INACCS	6503.8					
			29	INACCS	6503.8					
		8	25	INACCS	6503.8					
		10	13		6503.8	6453.0				
			29		6503.8	6449.7				
		11	26		6503.8	6449.8				
WA12	80	1	3		6691.8	6645.3				
		2	13	INACCS	6691.8					
		3	3		6691.8	6636.3		7.6		1400.0
		4	3		6691.8	6636.5	10.0	7.1	7.3	1170.0
		5	20		6691.8	6637.7	20.0	7.5	7.1	1720.0
		7	1	DRY	6691.8					
			29		6691.8	6637.0				
		8	26		6691.8	6636.9	12.0	7.7		
		10	13		6691.8	6636.8	9.7	7.5	6.4	1740.0
			31		6691.8	6636.8	10.0	7.4	5.3	1430.0
		11	26		6691.8	6636.8	9.6	7.4	6.0	1510.0
WA13	80	1	3	DRY						
		2	13	DRY						
		4	3	DRY						
		7	29	DRY						
		8	26	DRY						
		11	26	DRY						
WA55	80	1	4		6460.0	6443.0				
		2	22		6460.0	6442.0				
		5	23	DRY	6460.0	.0				
		7	1	DRY	6460.0					
			30	DRY	6460.0					
		9	12	DRY	6460.0					

PLUGGD = WELL PLUGGED
DRY = WELL DRY
FLWING = WELL FLOWING
INACCS = WELL INACCESSIBLE

TABLE 2.2.1.3-1
(CONT)

CB-TRACT
WATER LEVELS AND FIELD MEASUREMENTS
ALLUVIAL WELLS
FOR SAMPLE DATE SHOWN

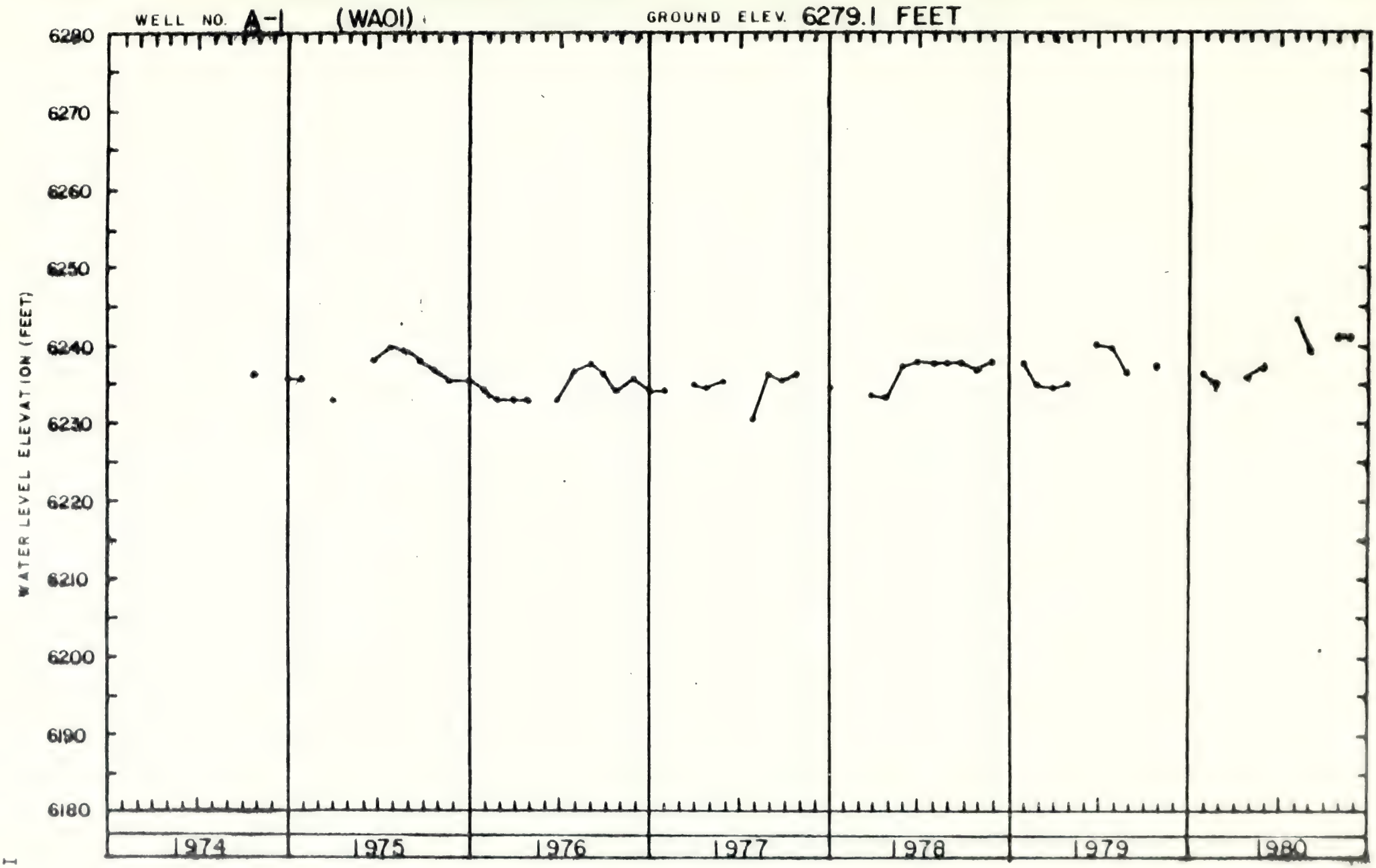
WELL	YR	MO	DY	STATUS	MEASURING PT ELEV (FT)	DEPTH (FT)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WA55	80	10	28		6460.0	6447.3	13.4	7.4	6.8	1780.0
		11	20		6460.0	6442.9				
WA56	80	9	12			-24.6				
		10	10			-8.3	10.1	7.8	8.6	1890.0
			28			-.9	13.5	8.2	2.3	1300.0

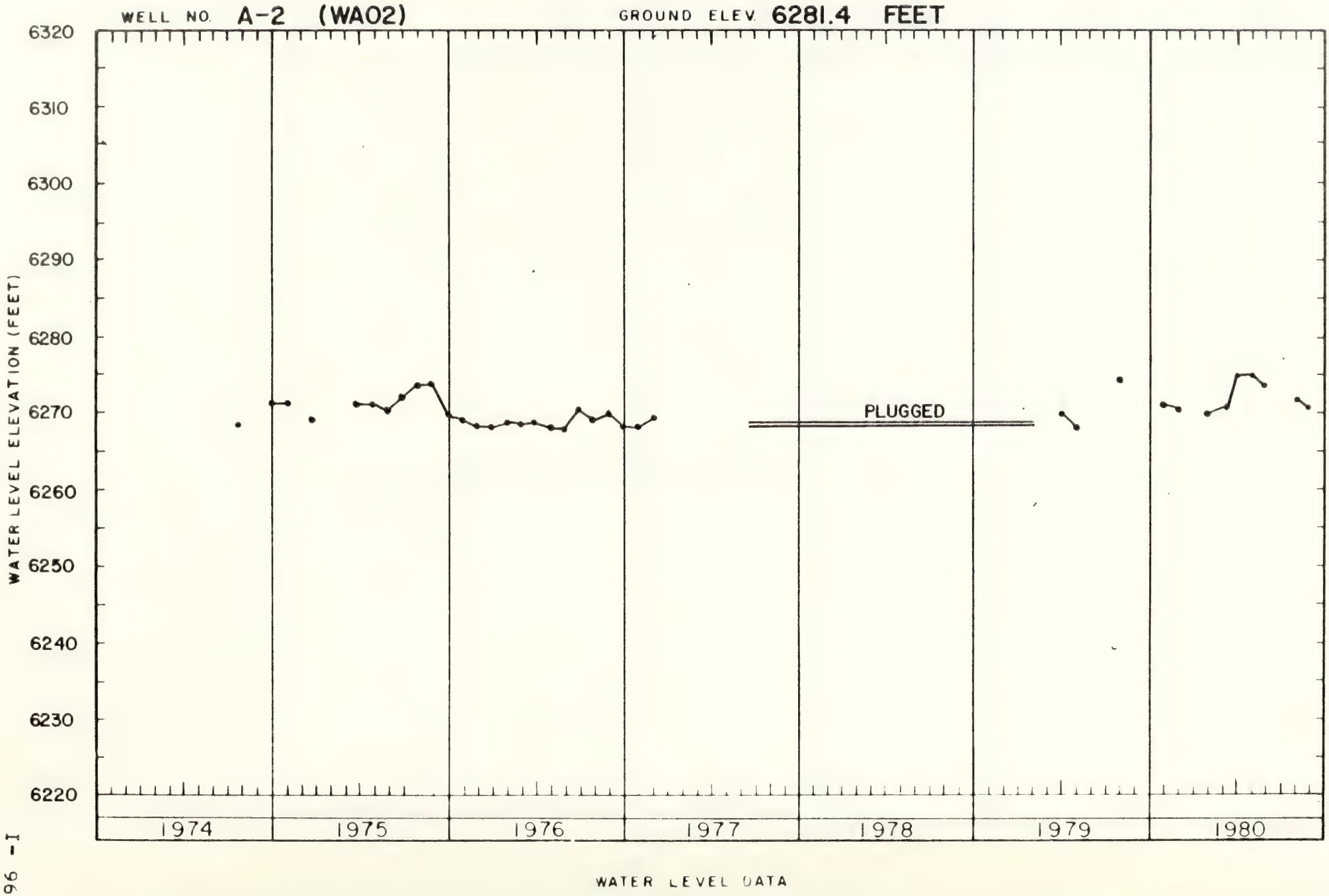
PLUGGD = WELL PLUGGED
DRY = WELL DRY
FLWING = WELL FLOWING
INACCS = WELL INACCESSIBLE

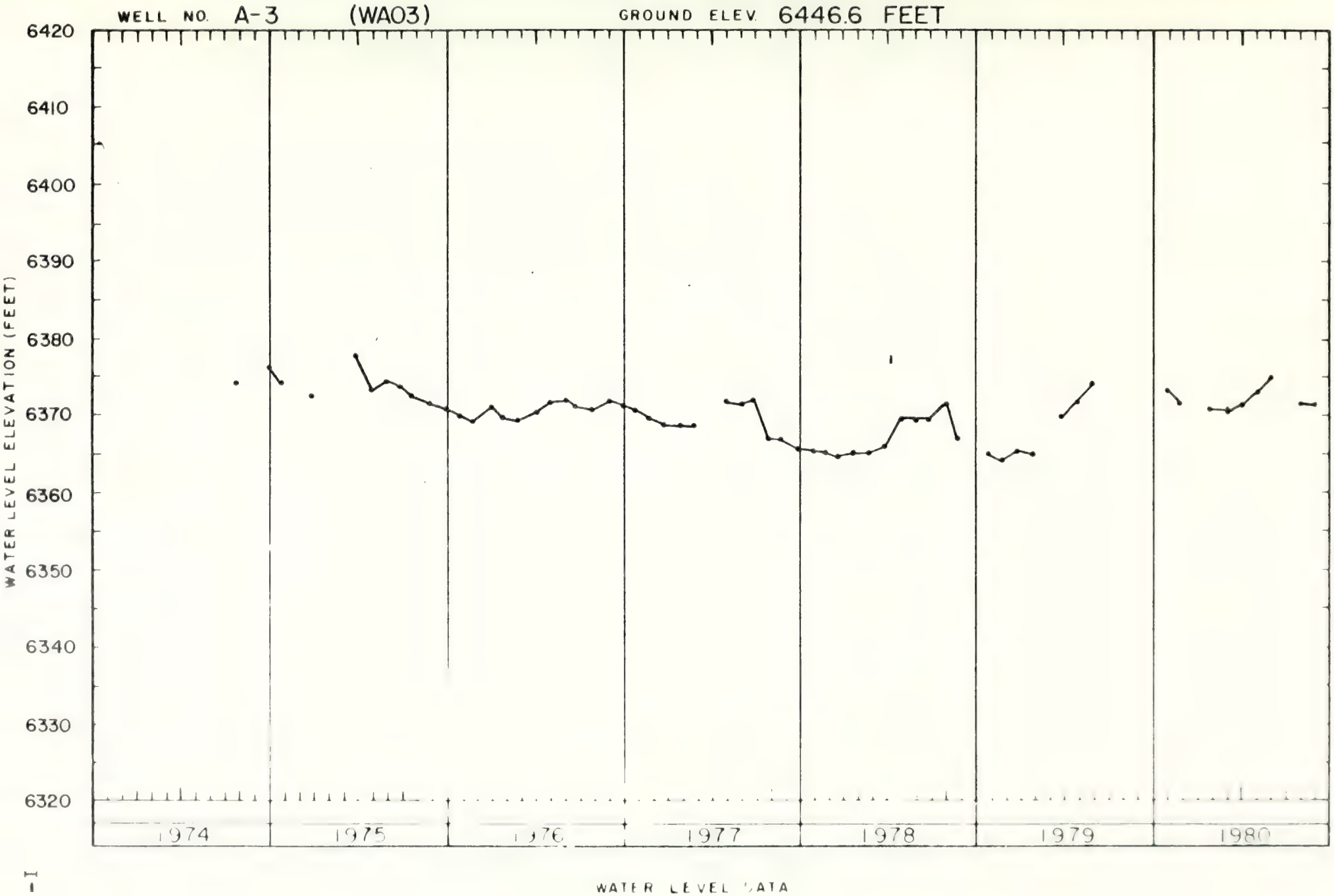
TABLE 2.2.1.3-2

HAND PLOTS OF WATER LEVELS IN ALLUVIAL WELLS

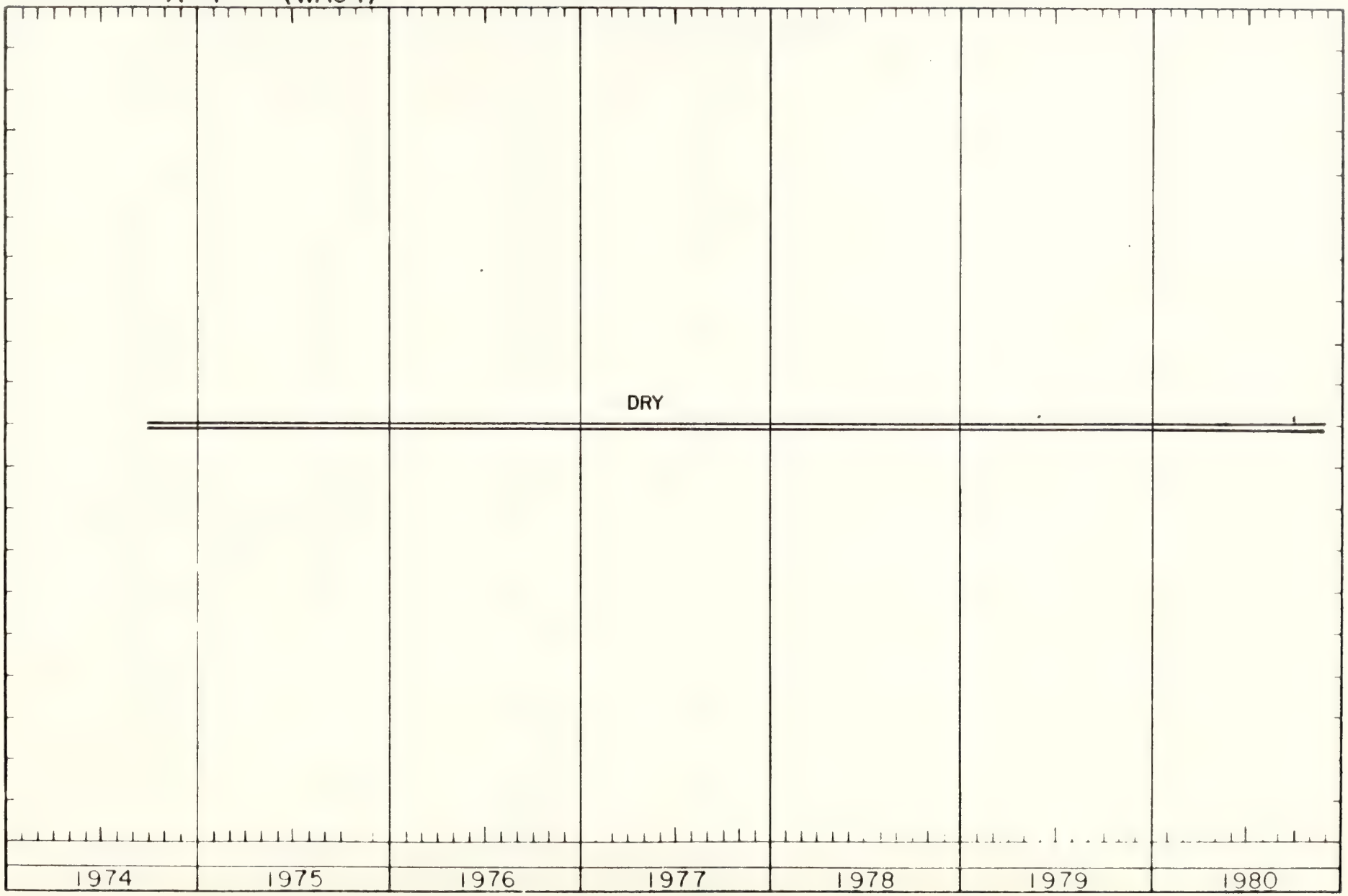
Well No.	Computer Code	Page No.
A-1	WA01	I-95
A-2	WA02	I-96
A-3	WA03	I-97
A-4	WA04	I-98
A-5	WA05	I-99
A-5A	WA55	I-100
A-6	WA06	I-101
A-7	WA07	I-102
A-8	WA08	I-103
A-9	WA09	I-104
A-10	WA10	I-105
A-11	WA11	I-106
A-12	WA12	I-107
A-13	WA13	I-108


WELL NO. A-1 (WA01)
GROUND ELEV. 6279.1 FEET
WATER LEVEL ELEVATION (FEET)
6280
6270
6260
6250
6240
6230
6220
6210
6200
6190
6180
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA

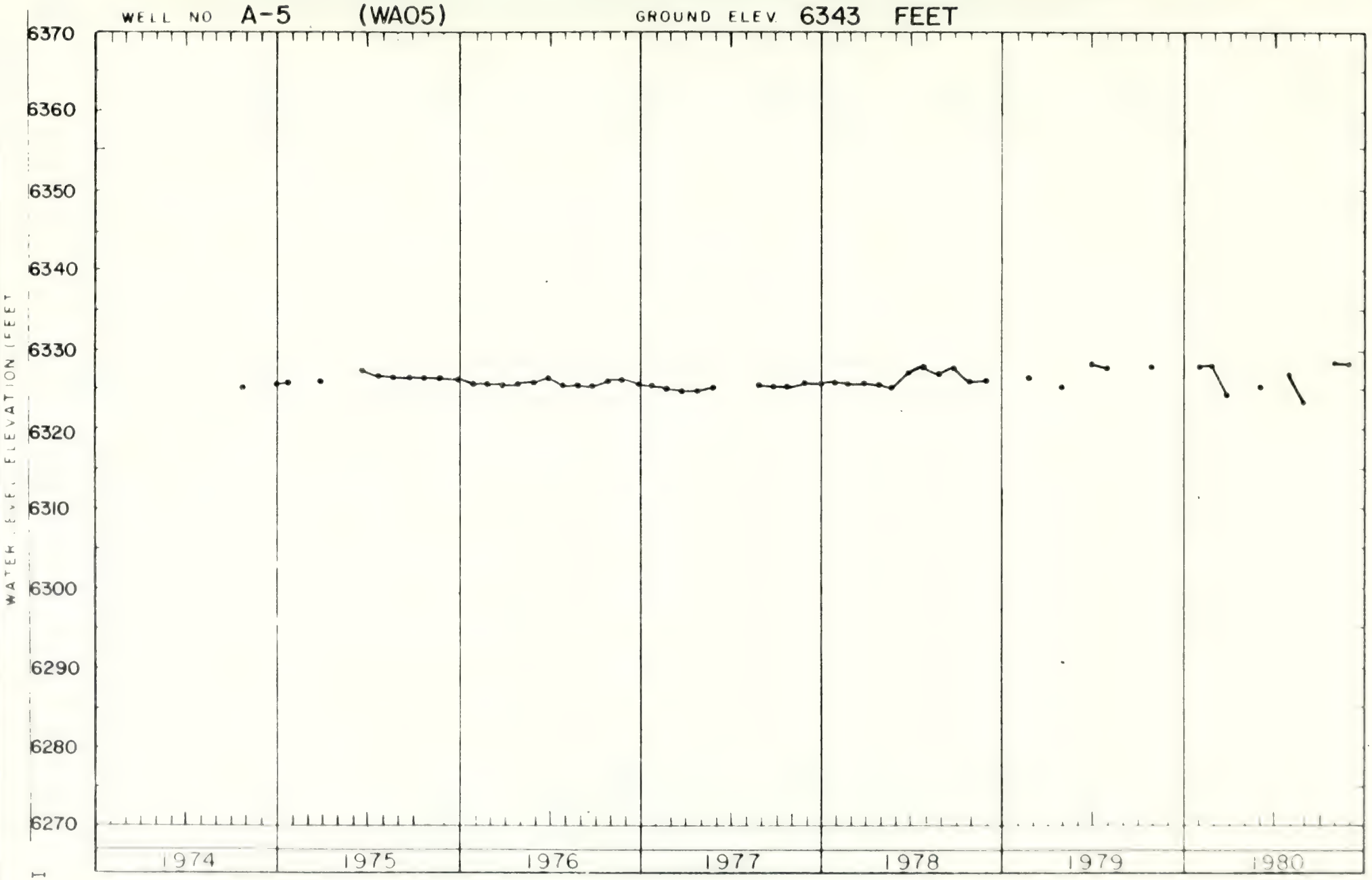

WELL NO. A-2 (WA02)
GROUND ELEV. 6281.4 FEET
WATER LEVEL ELEVATION (FEET)
6320
6310
6300
6290
6280
6270
6260
6250
6240
6230
6220
PLUGGED
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA


WELL NO. A-3 (WA03)
GROUND ELEV. 6446.6 FEET
WATER LEVEL ELEVATION (FEET)
6420
6410
6400
6390
6380
6370
6360
6350
6340
6330
6320
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA

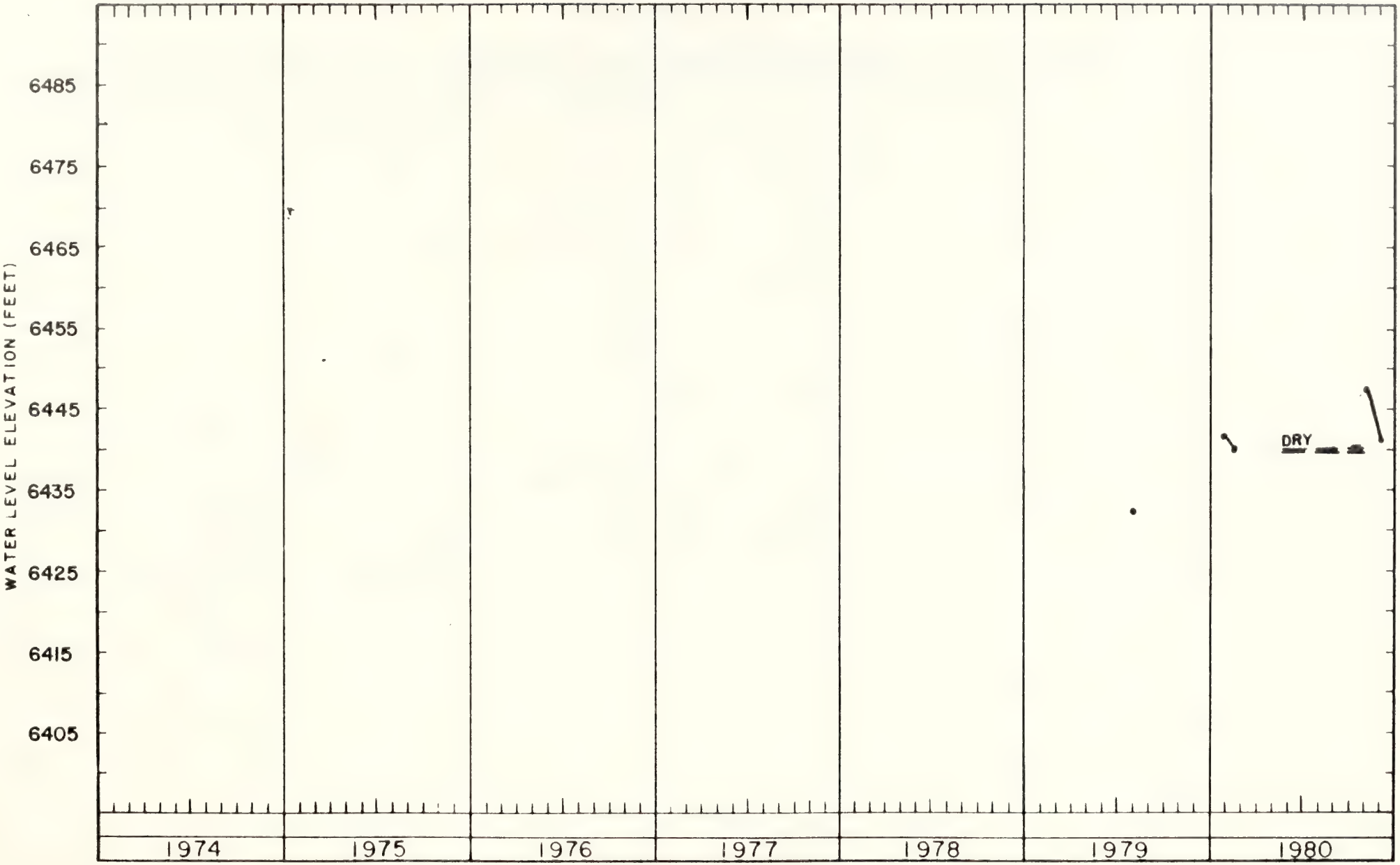
WELL NO A-4 (WA04) GROUND ELEV



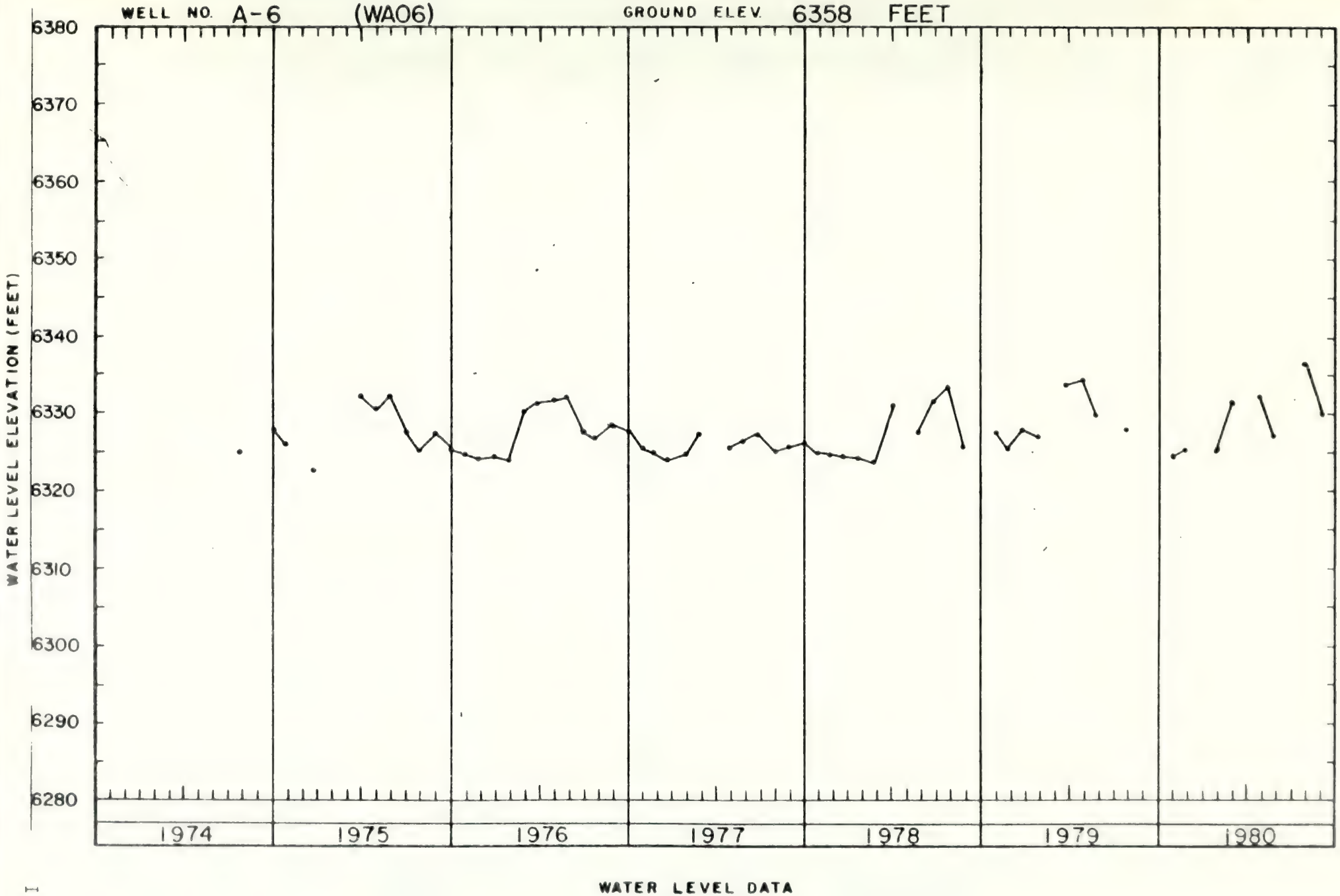
WATER LEVEL DATA

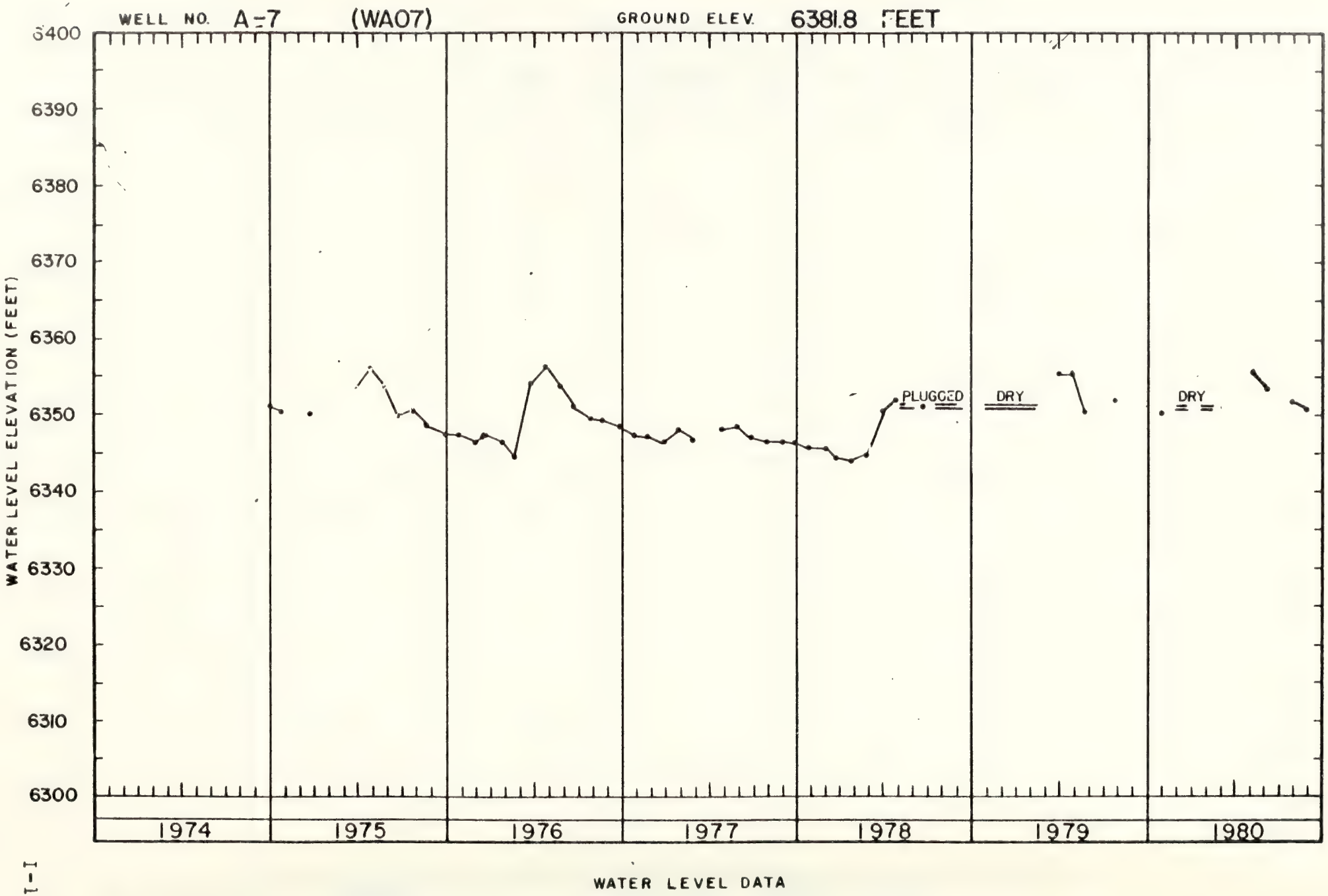

WELL NO A-5 (WA05)
GROUND ELEV. 6343 FEET
6370
6360
6350
6340
6330
6320
6310
6300
6290
6280
6270
WATER LEVEL ELEVATION (FEET)
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA

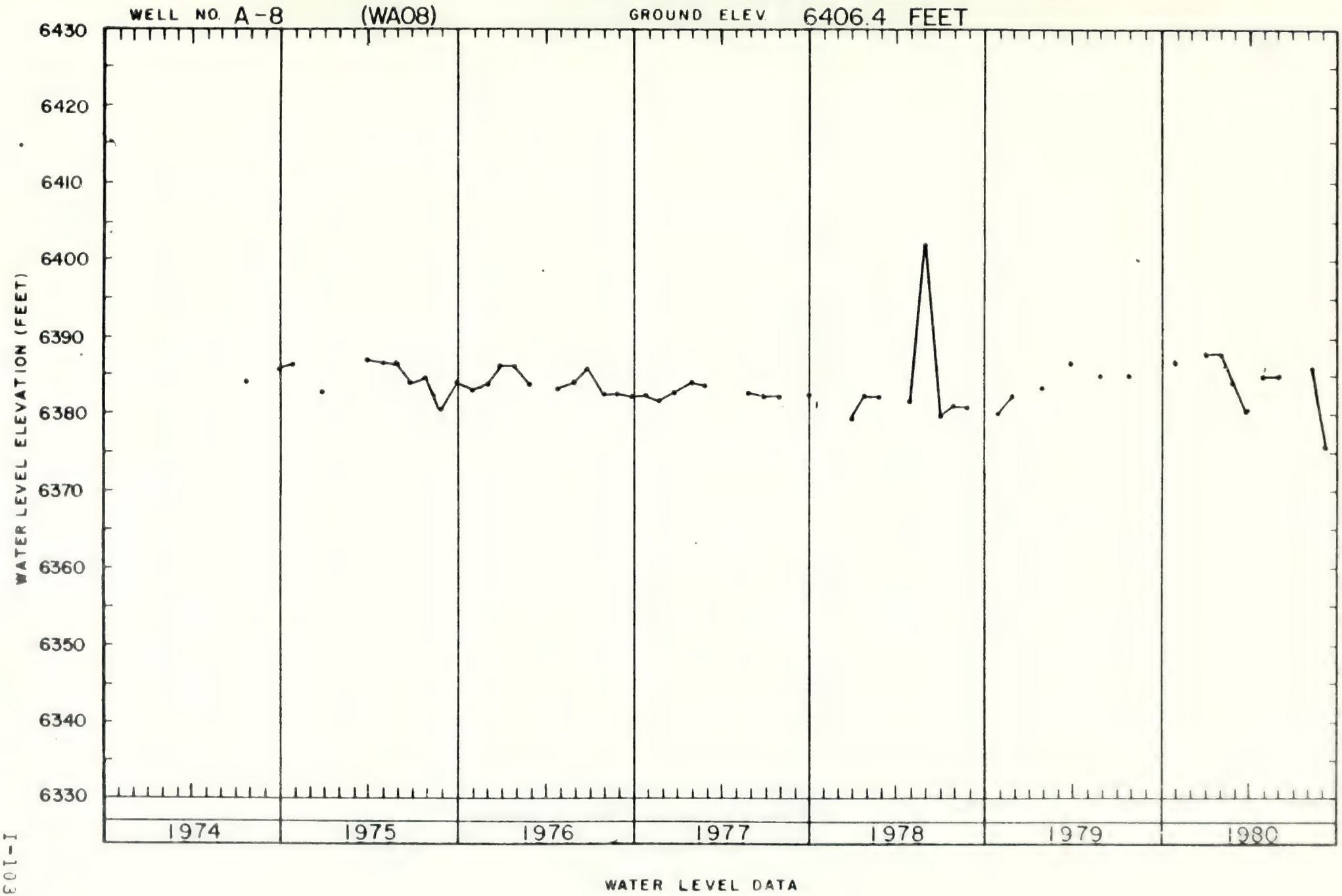
WELL NO. A-5A (WA55) GROUND ELEV 6460

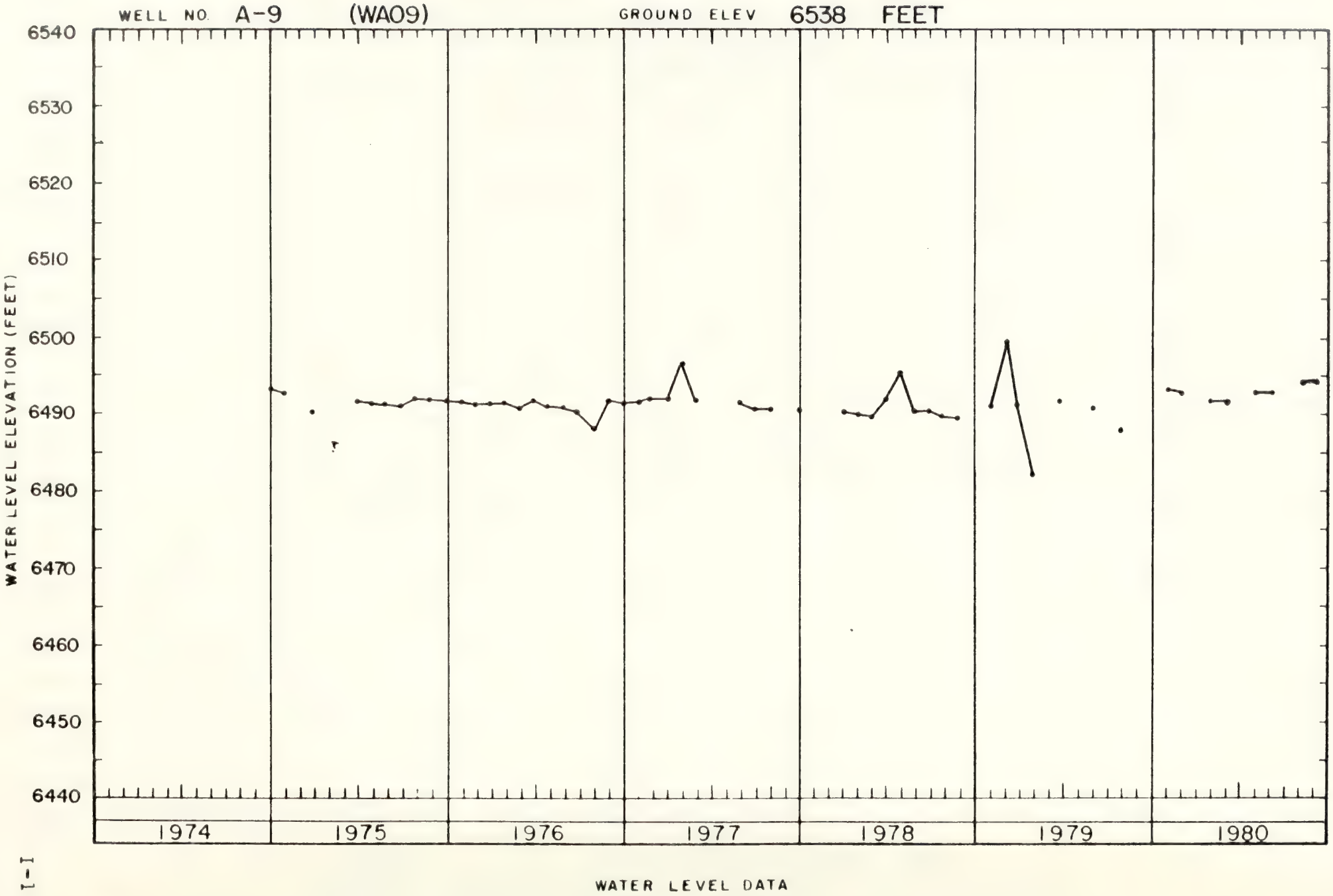


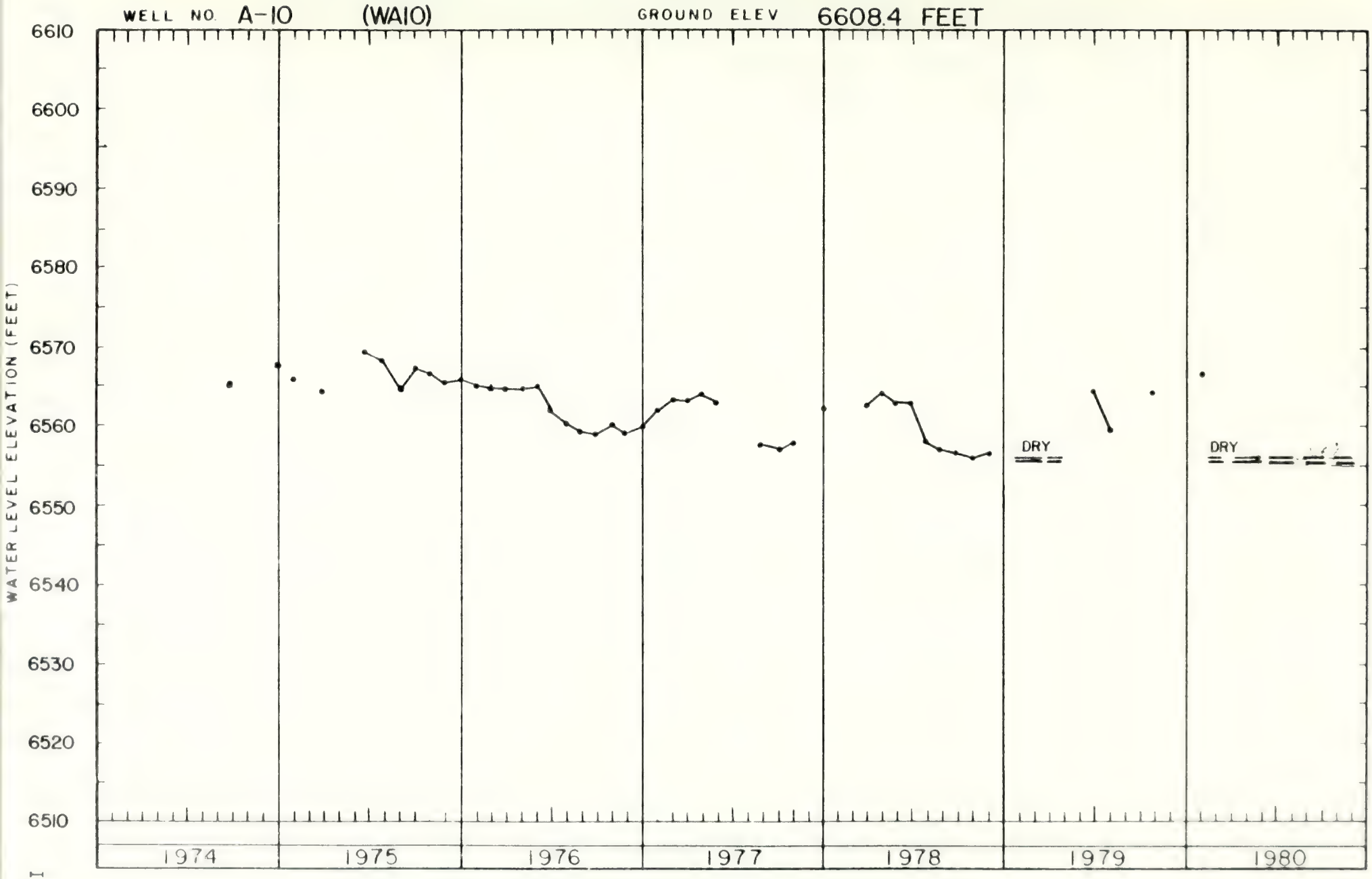
WATER LEVEL DATA

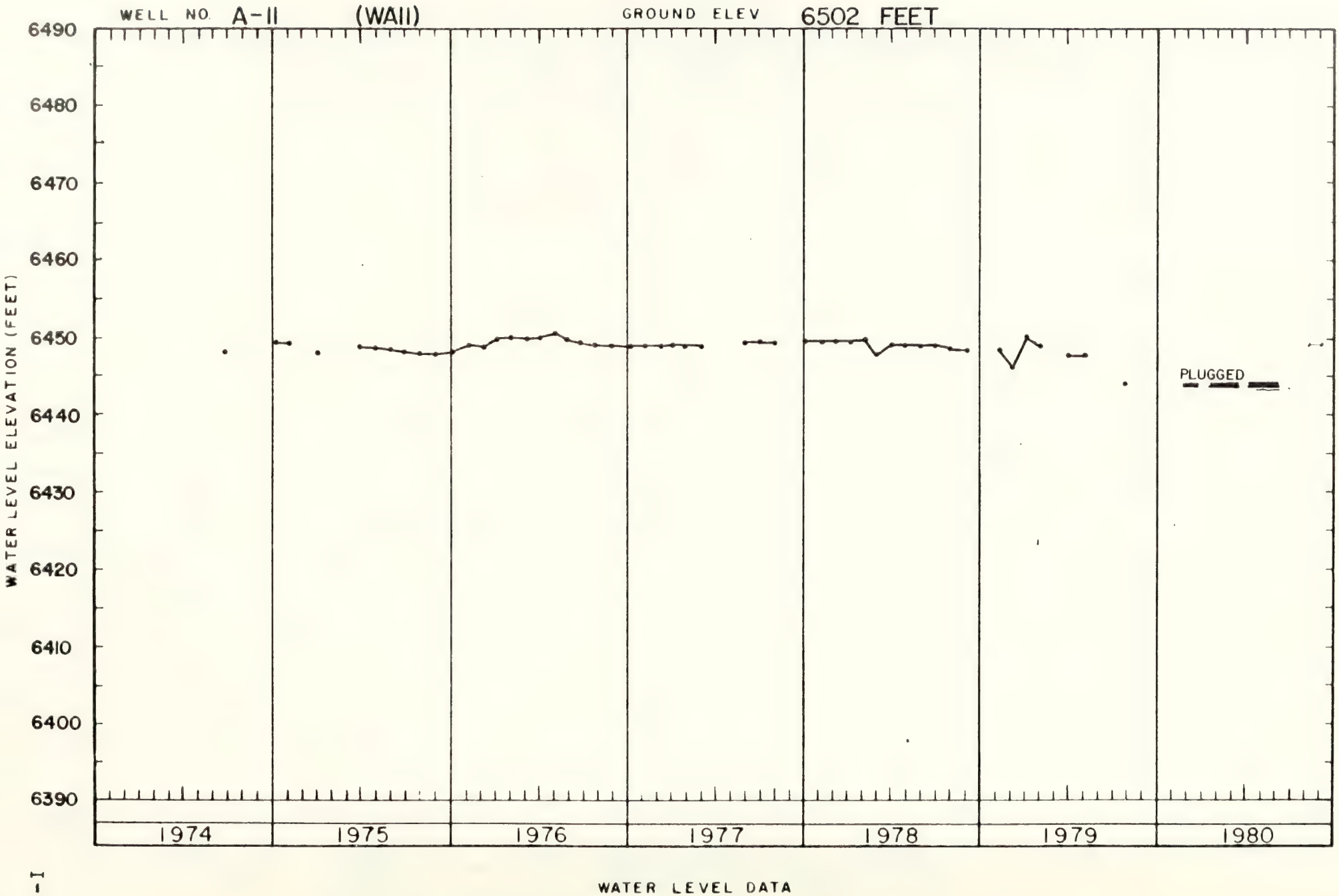

WELL NO. A-6 (WA06)
GROUND ELEV. 6358 FEET
WATER LEVEL ELEVATION (FEET)
6380
6370
6360
6350
6340
6330
6320
6310
6300
6290
6280
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA

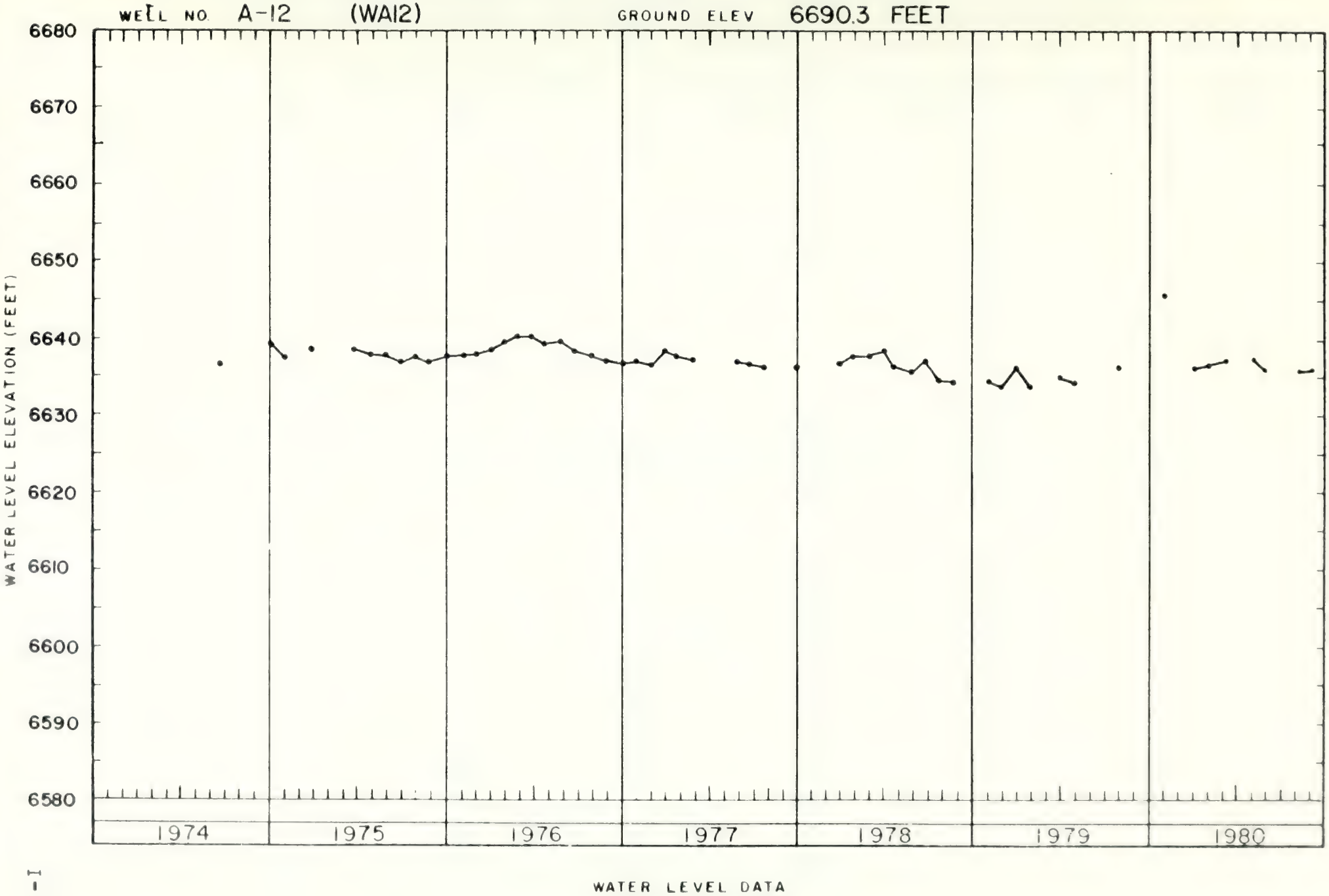

WELL NO. A-7 (WA07)
GROUND ELEV. 6381.8 FEET
6400
6390
6380
6370
6360
6350
6340
6330
6320
6310
6300
WATER LEVEL ELEVATION (FEET)
PLUGGED
DRY
DRY
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA


WELL NO. A-8 (WA08)
GROUND ELEV. 6406.4 FEET
6430
6420
6410
6400
6390
6380
6370
6360
6350
6340
6330
WATER LEVEL ELEVATION (FEET)
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA

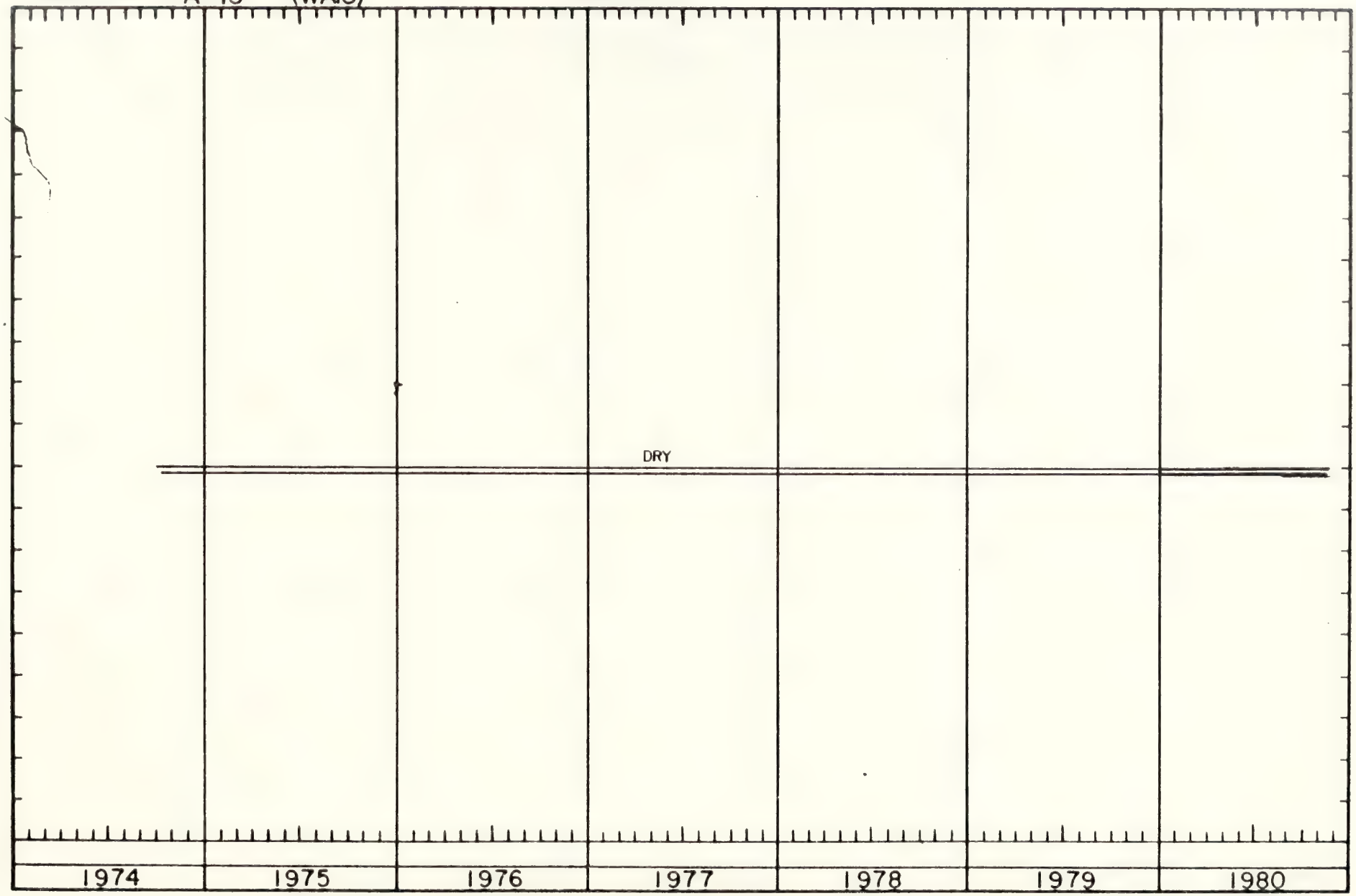

WELL NO. A-9 (WA09)
GROUND ELEV 6538 FEET
WATER LEVEL ELEVATION (FEET)
6540
6530
6520
6510
6500
6490
6480
6470
6460
6450
6440
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA


WELL NO. A-10 (WA10)
GROUND ELEV 6608.4 FEET
WATER LEVEL ELEVATION (FEET)
6610
6600
6590
6580
6570
6560
6550
6540
6530
6520
6510
DRY
DRY
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA


WELL NO. A-11 (WA11)
GROUND ELEV 6502 FEET
6490
6480
6470
6460
6450
6440
6430
6420
6410
6400
6390
WATER LEVEL ELEVATION (FEET)
PLUGGED
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA


WELL NO. A-12 (WA12)
GROUND ELEV 6690.3 FEET
6680
6670
6660
6650
6640
6630
6620
6610
6600
6590
6580
WATER LEVEL ELEVATION (FEET)
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA

WELL NO. A-13 (WA13) GROUND ELEV.



WATER LEVEL ELEVATION (FEET)

WATER LEVEL DATA

TABLE 2.2.1.3-3

STEVEN RECORDER DAILY
WATER LEVELS FOR ALLUVIAL WELLS

Well No.	Computer Code	Page No.
A-1	WA01	I-110
A-2	WA02	I-111
A-3	WA03	I-112
A-5	WA05	I-113
A-6	WA06	I-114
A-7	WA07	I-115
A-8	WA08	I-116
A-9	WA09	I-117
A-10	WA10	I-118
A-12	WA12	I-119

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA01 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	46.45	46.01	48.38	48.75	46.22	42.69	38.95	38.55	43.06	44.71	40.41	
2	46.45	46.01	48.39	46.38	46.19	42.40	38.90	38.55	43.13	44.60	40.39	
3	46.45	46.01	48.41		46.19	42.26	38.82	38.55	43.24	44.61	40.11	
4	46.10	46.01	48.42		46.18	41.85	38.63	38.55	43.33	44.63	39.98	
5	46.10	46.30	48.42		46.17	41.80	38.64	38.55	43.41	44.65	39.78	
6	46.10	46.40	48.43	46.39	46.10	41.69	38.64	38.55	43.49	44.71	39.61	
7	46.11	46.39	48.46	46.42	46.08	41.55	38.64	38.55	43.55	44.75	39.38	
8	46.11	46.38	48.47		46.01	41.33	38.64	38.55	43.62	44.76	39.24	
9	46.12		48.47		45.98	41.12	38.67	38.55	43.66	44.78	39.08	
10			48.48	46.33	45.94	40.98	38.68	38.55	43.72	44.83	38.98	
11			48.49	46.33	45.92	40.84	38.68	38.55	43.78	44.86	38.83	
12			48.53	46.34	45.85	40.71	38.68	38.55	43.85	44.88	38.81	
13		46.38	48.55	46.36	45.69	40.65	38.69	38.55	43.90	44.89	38.91	
14	46.12	46.37	48.55	46.37	45.46	40.63	38.69	38.55	43.97	44.95	39.07	
15	46.13		48.55	46.31	45.46	40.64	38.69	38.55	43.99	44.96	39.17	
16	46.13		48.57	46.33	45.46	40.62	38.61	38.55	44.05	44.96	39.17	
17	46.13		48.57		45.46	40.62	38.48	38.55	44.12	44.75	39.17	
18	46.14		48.57		45.46	40.55	38.33	38.55	44.19	44.67	39.66	
19			48.59		45.46	40.50	38.26	38.55	44.25	44.15	39.71	
20			48.60	46.33	45.47	40.29	38.18	38.55	44.26	43.80	39.97	
21			48.63	46.32	44.00	40.11	38.12	38.55	44.34	43.41	40.12	
22			48.61	46.32	43.93	39.90	38.04	38.55	44.36	43.35	40.19	
23			48.63	46.31	43.77	39.46	38.03	38.55	44.44	43.06	40.43	
24	46.14		48.61		43.56	39.31	38.03	38.55	44.47	42.65		
25	46.09		48.64		43.43	39.32	38.03	38.55	44.49	42.51		
26	46.01	46.37	48.65		43.37	39.32	38.03	38.55	44.54	42.21		
27		48.35	48.66	46.31	43.32	39.32	38.03	38.55	44.42	41.99		
28		48.36	48.67	46.24	43.26	39.26	38.55	38.55	44.35	41.69		
29		48.38	48.69	46.24	43.08	39.22	38.55	42.85	44.53	41.20		
30			48.70	46.23	42.89	39.06	38.55	42.95	44.58	41.14		
31	46.01		48.72		42.89		38.55	42.99		40.71		
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA02 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	12.68	13.04	13.28	13.83	14.22	9.79	9.53	9.37	10.43	11.38	12.53	
2	12.70	13.05	13.31	RF	14.22	8.94	9.52	9.43	10.47	11.40	12.53	
3	12.70	13.07	13.34		14.19	8.95	9.51	9.53	10.51	11.80	12.54	
4	12.73	13.09	13.35		14.15	9.06	9.45	9.60	10.55	11.80	12.53	
5	12.75	13.09	13.37		14.20	9.11	9.28	9.66	10.59	11.78	12.53	
6	12.77	12.44	13.39		14.20	9.14	8.91	9.73	10.61	11.75	12.52	
7	12.79	12.46	13.43		14.09	9.13	8.53	9.81	10.63	11.72	12.51	
8	12.83	12.46	13.46		13.37	9.13	8.25	9.86	10.65	11.69	12.50	
9	12.85	12.45	13.48		13.23	9.06	8.28	9.89	10.70	11.66	12.50	
10	12.88	12.42	13.51		13.13	9.05	8.34	9.93	10.72	11.63	12.51	
11	12.88	12.41	13.52		13.00	9.02	8.44	10.00	10.75	11.60	12.53	
12	12.89	12.43	13.55		12.77	9.12	8.53	10.03	10.78	11.58	12.54	
13	12.90	12.47	13.56		12.57	9.19	8.55	10.06	10.82	11.56	12.55	
14	12.89	12.48	13.57		12.33	9.25	8.63	10.11	10.87	11.53	12.55	
15	12.88	12.48	13.56		12.05	9.31	8.68	10.14	10.90	11.50	12.54	
16	12.87	12.48	13.56		11.95	9.36	8.77	10.19	10.94	11.48	12.57	
17	12.90	12.46	13.56		11.88	9.39	8.84	10.25	10.99	11.47	12.58	
18	12.93	12.42	13.58		11.88	9.44	8.91	10.32	11.02	11.44	12.59	
19	12.94	12.25	13.58		11.87	9.47	8.96	10.40	11.06	11.42	12.59	
20		12.03	13.59		11.85	9.51	9.04	10.44	11.08	11.37	12.61	
21		12.03	13.61		11.60	9.54	9.09	10.48	11.11	11.34		
22		12.13	13.62		11.58	9.57	9.14	10.52	11.15	11.33		
23	12.94	12.13	13.64		11.54	9.60	9.20	10.58	11.21	11.31		
24	12.95	12.29	13.73		11.52	9.62	9.24	10.58	11.28	11.29		
25	12.97	12.35	13.73		11.52	9.62	9.25	10.61	11.32	11.26		
26	13.00	12.39	13.76		11.50	9.61	9.34	10.67	11.37	11.23		
27	13.00	13.35	13.76		11.47	9.56	9.41	10.70	11.39	11.20		
28	13.03	13.31	13.79		11.43	9.51	9.45	10.74	11.35	11.18		
29	13.05	13.26	13.80	14.61	11.41	9.50	9.53	10.29	11.29	12.50		
30	13.06		13.81	14.27	11.38	9.53	9.65	10.33	11.34	12.51		
31	13.06		13.82		11.26		9.33	10.37		12.53		
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA03 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	74.92	RF	RF		RF	RF	76.82	74.92	RF	RF	76.80	
2	74.92			RF			76.76	74.77		RF	76.80	
3	RF						76.63	74.73		75.33	76.80	
4							76.60	74.70		75.33	76.80	
5							76.57	74.67			76.80	
6							76.53	74.64			76.80	
7							76.49	74.61			76.79	
8							76.36	74.57			76.78	
9							76.30	74.54			76.76	
10							76.24	74.49			76.76	
11							76.18	74.46			76.76	
12							76.14	74.44			76.76	
13							76.04	74.35			76.76	
14							75.91	74.32			76.76	
15							75.84	74.23		75.33	76.76	
16							75.76	74.20		74.39	76.77	
17							75.73	74.18		74.35	76.78	
18							75.63	74.17		74.25	76.83	
19							75.51	74.15		74.22	IM	
20							75.48	74.13		74.20	IM	
21							75.44	74.13		RF		
22							75.32	74.11				
23							75.30	74.10				
24			RF				75.24	74.09				
25							75.22	74.09				
26							75.19	74.07				
27							75.16	74.06				
28							75.12	73.99		RF		
29		RF					74.98	RF		76.80		
30				RF	RF	76.82	74.98	RF	RF	76.80		
31	RF						74.97	RF		76.80		
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA05 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	21.29	17.46	9.36	15.66		16.60	16.71		RF	RF	16.06	
2	21.29		9.35	15.65		16.60	16.70			RF	16.09	
3	21.29		9.35	15.71		16.60	16.65			RF	16.12	
4	17.52		9.35	15.71		16.60	17.63			RF	16.15	
5			9.34	15.85		16.60	17.55				16.17	
6			9.33	17.17		16.60	17.51				16.18	
7			20.67			16.60	17.53				16.21	
8			20.63			16.60	17.61				16.23	
9			21.19			16.60	17.63				16.37	
10			RF	M		16.60	16.65				16.39	
11		17.46	RF	I		16.60	17.63				16.39	
12	17.52	17.44	RF	S		16.60	17.55				16.35	
13	17.47	17.48	RF	S		16.60	17.49				16.36	
14	17.47	17.48	21.16	I		16.60	17.49				16.28	
15	17.46	10.52	21.18	N	14.93	16.60	17.56				16.29	
16		10.52	RF	G	14.94	16.60	17.58				16.36	
17		10.53	RF		14.99	16.60	17.58				16.43	
18		10.54	RF	D	14.29	16.60	17.58				16.47	
19		10.53	21.08	A	14.41	16.60	17.58				16.50	
20		10.52	21.17	T	14.52	16.60	17.61				16.55	
21		10.52	21.19	A	14.57	16.60	17.38				16.59	
22		10.52	RF		15.25	16.60	16.70				16.61	
23		10.51	RF		15.25	16.60	16.72				16.65	
24		10.51	RF		15.27	16.60	16.73				16.66	
25		10.50	15.69		15.33	16.60	16.73	RF				
26		10.50	15.61		15.43	16.60	16.71					
27		10.50	15.64		16.54	16.60	17.63			RF		
28		10.50	15.70		16.60	16.60	17.57			16.18		
29		17.48	15.74		16.60	16.60	17.58			16.18		
30			15.73		16.60	16.60	17.58			16.02		
31	17.46		15.69		16.60					16.03		
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA06 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	RF	RF	34.67	34.37	33.03	28.34	26.85	27.59	32.45	32.59		
2			34.65	34.37	33.20	28.31	26.91	27.81	32.51	32.36		
3			34.63	34.36	33.21	28.21	26.90	28.13	32.56	32.27		
4			34.61	34.36	33.23	28.02	26.68	28.75	32.64	32.05		
5			34.60	34.34	33.25	27.20	26.29	29.04	32.70	31.77		
6			34.60	34.33	33.27	26.94	25.80	29.29	32.77	31.66		
7			34.60	34.30	33.31	26.59	25.31	29.52	32.83	31.28		
8			34.59	34.28	33.33	25.94	25.12	29.77	32.89	30.78		
9			34.58	34.25	33.34	24.90	24.42	29.99	32.95	30.16		
10			34.58	34.22	33.35	24.03	23.86	30.20	33.00	29.67		
11		RF	34.58	34.19	33.36	23.50	23.52	30.39	33.05	29.29		
12		34.75	34.58	34.11	33.36	24.19	23.45	30.58	33.09	28.96		
13			34.57	34.06	33.36	24.72	23.70	30.75	33.16	28.61	22.70	
14			34.57	34.02	33.33	25.25	23.97	30.90	33.21	28.22	22.64	
15			34.57	33.99	33.22	25.59	24.47	31.06	33.24	27.95	22.66	
16		34.75	34.57	33.94	37.97	25.79	24.84	31.20	33.27	27.55	22.67	
17		34.76	34.56	33.86	32.70	25.79	25.04	31. 2	33.31	27.34	22.65	
18		34.77	34.54	33.76	32.31	25.76	25.07	31.46	33.35	26.86	22.63	
19		34.77	34.53	33.62	31.88	25.62	25.07	31.59	33.40	25.82	22.62	
20		34.70	34.52	33.49	31.37	25.40	24.84	31.70	33.47	25.10	22.57	
21		34.65	34.50	33.30	30.78	25.34	24.51	31.84	33.50	24.64	22.51	
22		34.64	34.47	33.13	28.92	25.15	24.69	31.96	33.54	24.28	22.47	
23		34.63	34.44	33.02	28.66	25.07	24.89	32.07	33.58	24.03	22.57	
24		34.63	34.39	32.94	28.18	24.67	24.89	32.15	33.61	23.84		
25		34.63	34.38	32.90	28.67	24.83	24.68	32.24	33.65	23.67		
26		34.68	34.34	32.90	27.84	25.05	25.04	32.27	33.69	23.67		
27		34.69	34.31	32.93	27.78	25.37	25.54	32.26	33.71	23.63		
28		34.69	34.29	32.94	27.98	25.81	26.00	32.19	33.71	23.33		
29		34.69	34.25	32.98	28.18	26.23	26.07	32.25	33.71	23.07		
30			34.23	33.01	28.26	26.60	26.07	32.29	33.38			
31	RF		34.21		28.34		27.45	32.37				
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA07 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	33.24	33.34						RF			31.80	
2	33.24										31.82	
3	33.24									30.97	31.83	
4	33.28									30.97	31.86	
5	33.34									30.86	31.88	
6										30.92	31.89	
7										30.89	31.90	
8										30.77	31.92	
9										30.83	31.95	
10										30.93	31.96	
11		33.34								31.02	31.97	
12										31.08	31.98	
13										31.13	31.99	
14										31.19	32.06	
15										31.24	32.08	
16										31.31	32.15	
17										31.34	32.21	
18										31.40	32.25	
19										31.45	32.28	
20										31.47	32.31	
21										31.54	32.36	
22										31.57	32.41	
23										31.60	32.41	
24										31.64		
25										31.65		
26										31.69		
27										31.76		
28										31.80		
29										31.81		
30										31.77		
31	33.34									31.77		
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA08 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
-	RF	RF	RF	RF	24.95	24.16	23.69	23.52	RF	RF	RF	
-					24.96	24.17	23.69	23.52				
3					24.98	24.18	23.68	23.54				
4					25.00	24.18	23.55	23.56				
5					25.01	24.18	23.35	23.57				
6					25.02	23.87	23.21	23.58				
7					25.03	23.77	23.07	23.60				
8					25.03	23.75	22.92	23.62				
9					25.05	23.75	22.81	23.68				
10					25.18	23.60	22.77	23.69				
11						23.61	22.82	23.71				
12						23.61	22.85	23.73				
13					25.18	23.61	22.90	23.73		RF		
14					23.68	23.61	22.93	23.73		IM		
15					23.25	23.61	22.96	23.70				
16					23.18	23.61	22.97	23.66				
17						23.57	23.00	23.69				
18						23.60	23.03	23.79				
19						23.62	23.03	23.82				
20						23.62	22.70	23.83				
21					23.18	24.15	22.68	23.99				
22					23.65	24.16	22.70	24.14				
23					23.72	24.17	22.01	24.18			RF	
24					23.77	24.17	24.23	24.18				
25					23.83	24.17	24.54	24.12				
26					23.89	24.17	24.57	24.05				
27					23.95	24.17	24.58	24.00				
28					24.00	24.17	24.62	23.97				
29		RF			24.07	24.17	24.65	23.97				
30				RF	24.10	24.17	24.65	RF				
31	RF		RF		24.14		23.52	RF		IM		
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA09 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	RF	RF	46.95	46.84	RF	RF	47.22	46.86	46.79	46.42	45.87	
2				46.84			47.22	46.86	46.73		45.87	
3				46.83			47.22	46.84			45.87	
4							47.22	46.84			45.88	
5							47.22	46.84			45.88	
6							47.22	46.84			45.88	
7							47.22	46.84			45.88	
8							47.22	46.84			45.88	
9							47.22	46.84			45.88	
10							47.22	26.83			45.88	
11							47.22	46.78			45.88	
12				46.83			47.22	46.78			45.93	
13		RF		46.81			47.22	46.78		46.42	45.93	
14		46.91					47.22	46.78		RF	45.93	
15		46.91					47.22	46.77			45.94	
16		46.90					47.22	46.77			45.94	
17		46.90					47.22	46.77			45.94	
18		46.88					47.22	46.77	46.73		45.95	
19		46.88		46.81			47.22	46.77	46.71		45.96	
20		46.86		46.82			47.22	46.77	46.69		45.96	
21		46.86		46.82			47.22	46.77			45.96	
22		46.85		46.84			47.22	46.77			45.96	
23		46.85	46.95	46.86	RF		47.23	46.77			45.96	
24		46.85	46.86	46.86			47.23	46.47				
25		46.80		46.87			47.23	46.47				
26		46.80		46.88			47.23	46.47	46.69			
27		46.80		46.91			47.23	46.47	46.42			
28		46.80		46.92			47.23	46.81	46.42			
29		46.95		46.93			47.20	46.79	46.42	RF		
30			46.86	RF			46.86	46.79	46.42	45.87		
31	RF		46.84				46.86	46.79		45.87		
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA10 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	RF											
2	RF											
3	RF											
4	↑											
5												
6												
7	⋮											
8	(unknown length of time)											
9	⋮											
10	↓											
11	⋮											
12	⋮											
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA12 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	IM	46.53	59.35	55.22	54.32	RF	RF	54.80	54.76	54.89	55.03	
2	IM		59.34	55.20	54.31			54.79	54.76	54.90	55.03	
3	46.52		55.48		54.26			54.79	54.76	54.90	55.03	
4			55.48		54.24			54.76	54.76	54.90	55.03	
5			55.48		54.21			54.75	54.76	53.91	55.03	
6			55.44		54.21			54.74	54.76	54.91	55.03	
7			55.44		54.20			54.72	54.77	54.91	55.03	
8			55.43		54.20			54.71	54.77	54.92	55.03	
9			55.42		54.18			54.69	54.77	54.92	55.02	
10			55.41		54.16			54.69	54.82	54.93	55.02	
11		46.53	55.40		54.15			54.68	54.82	54.93	55.02	
12	46.52	46.54	55.39					54.67	54.82	54.94	55.02	
13	46.53	59.45	55.38					54.64	54.84	54.94	55.02	
14			55.37					54.63	54.84	55.03	55.02	
15			55.36					54.63	54.85	55.03	55.02	
16			55.34					54.62	54.85	55.02	55.02	
17			55.34					54.61	54.85		55.02	
18		59.45	55.32		54.15			54.61	54.86		55.02	
19		59.44	55.32		54.14			54.60	54.88		55.02	
20			55.29		54.14			54.59			55.02	
21			55.26		RF			54.58			55.02	
22			55.25					54.58			55.02	
23		59.44	55.24					54.56			55.02	
24		59.43	55.38					54.54			55.02	
25		59.42	55.37					54.54			55.02	
26		59.42	55.37					54.52				
27		59.39	55.36					54.93				
28		59.38	55.34					54.76		55.02		
29		59.37	55.30	54.32			54.81	54.76	54.88	55.02		
30			55.29	54.32			54.80	54.76	54.89	55.03		
31	46.53		55.24				54.80	54.76		55.03		
AVG.												

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2.2.1.4 Upper Aquifer Wells

Water levels for Upper Aquifer Wells for this reporting period are presented in Table 2.2.1.4-1. The deep well monitoring network is presented in Section 2.2.1.4, Figure 2.2.1.4-1.

Plots of all present and past upper aquifer wells monitoring water levels are presented in this section, to reference these plots see Table 2.2.1.4-2.

Stevens Recorder instrumentation for monitoring continuous water levels are operationg at five upper aquifer well stations. Table 2.2.1.4-3 lists these wells and corresponding computer codes.

In wells required under the Water Augmentation Plan (WAP), levels data are presented in Table 2.2.1.4-4. Regarding well WX74, no data were available; WX75 has been substituted and data are included in Table 2.2.1.4-4.

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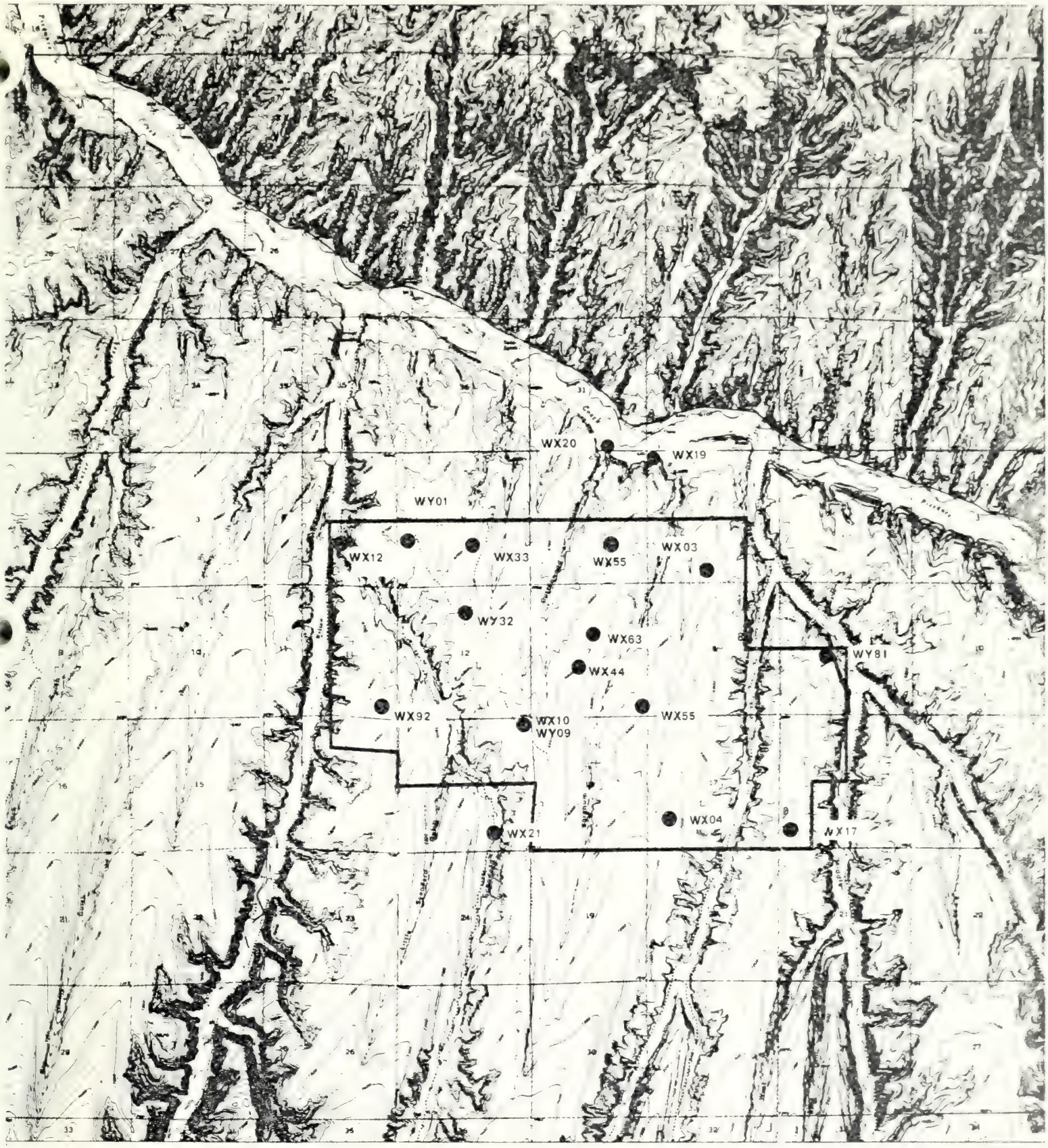

DEEP WELL MONITORING NETWORK
Cb TRACT

Figure 2.2.1.4-1

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CB-TRACT
WATER LEVELS IN UPPER AQUIFER WELLS
FOR SAMPLE DATE SHOWN

WELL ID - MEASURING POINT ELEVATION (FT)

		WD10	WE10	WX01	WX02	WX04	WX11	WX12	WX14	WX17	WX18	WX19	WX21	WX44	WX55	WX63	WX92
		6953	6953	0	6737	7057	6425	6428	0	7038	7386	6384	6813	6906	6903	6890	6873
YR	MO	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)
80	6					6623		6342		6652	6899		6704				6462
	7	6564	6544		6336	6622	5326	6342		6652	6899	6325		6470	6527	6476	
	8	6571	6520		6331	6617		6341		6652			6702	6462	6522	6466	6451
	9	6565	6512		6316	6618	DRY	6336		6652	6899	6309	6699	6457	6518	6457	6442
	10	6565	6508									6304				6445	
	11											6294					

PLUGGD= WELL PLUGGED
DRY = WELL DRY
FLWING= WELL FLOWING
INACCS= WELL INACCESSIBLE
NS = WELL NOT SAMPLED

TABLE 2.2.1.4-1

TABLE 2.2.1.4-2

HAND PLOTS OF WATER LEVELS IN UPPER AQUIFER WELLS

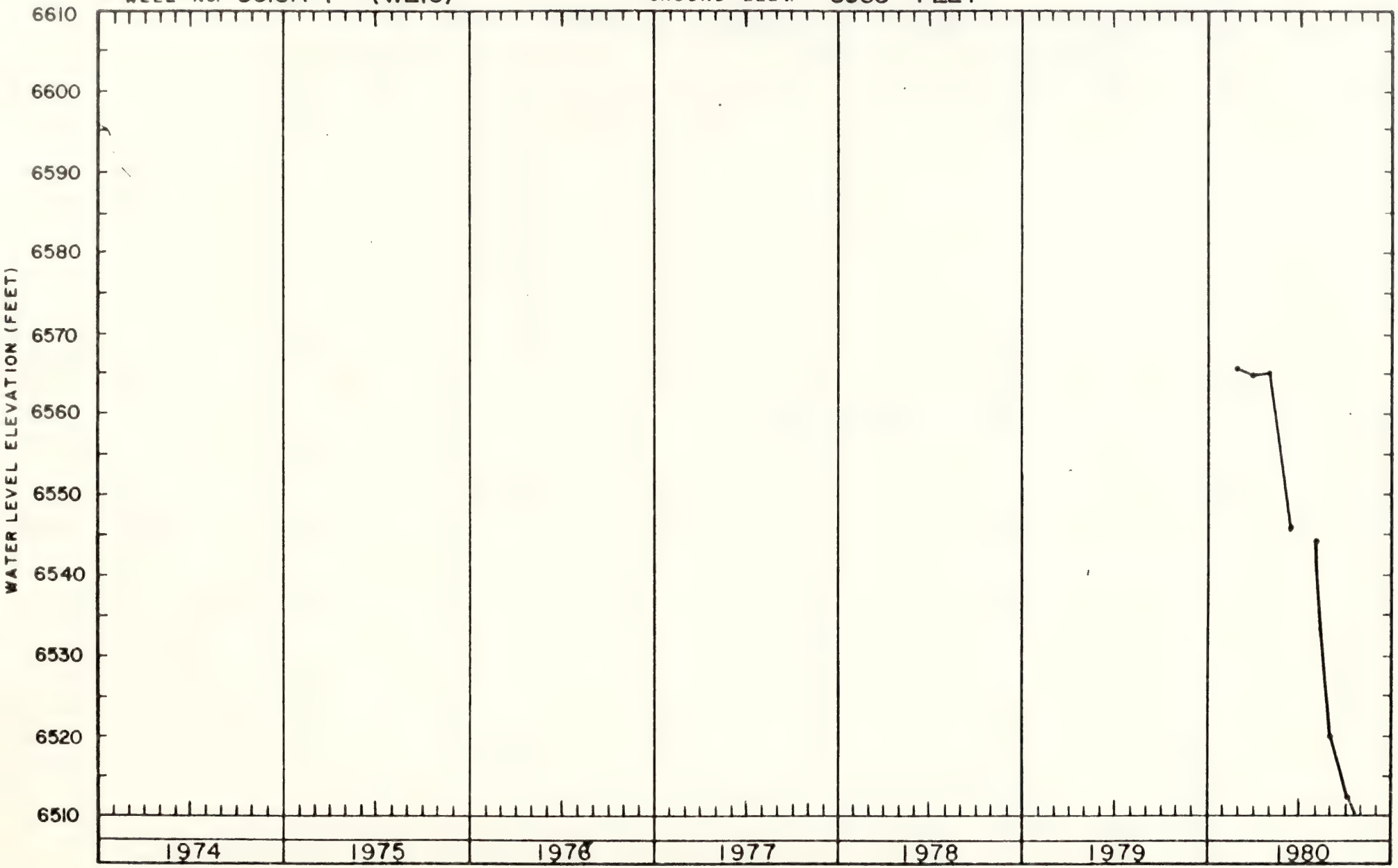
Well No.	Computer Code	Page No.
Cb-2	WX02	I-129
Cb-4	WX04	I-130
SG-10A-1	WE10	I-128
SG-10A-2	WD10	I-127
SG-10A	WX10*	I-131
SG-1A	WX11	I-132
SG-1-2	WX12	I-133
SQ-17-2	WX17	I-134
SG-18A	WX18	I-135
SG-19	WX19	I-136
SG-20	WX20	I-137
SG-21	WX21	I-138
32X-12	WX32	I-139
33X-1	WX33	I-140
41X-1	WX41	I-141
AT-1C-3	WX44	I-142
SG-11-3	WX55	I-143
SG-6-3	WX63	I-144
SG-9-2	WX92	I-145

* WX10 has been recompleted, new computer codes are WE10 & WD10.

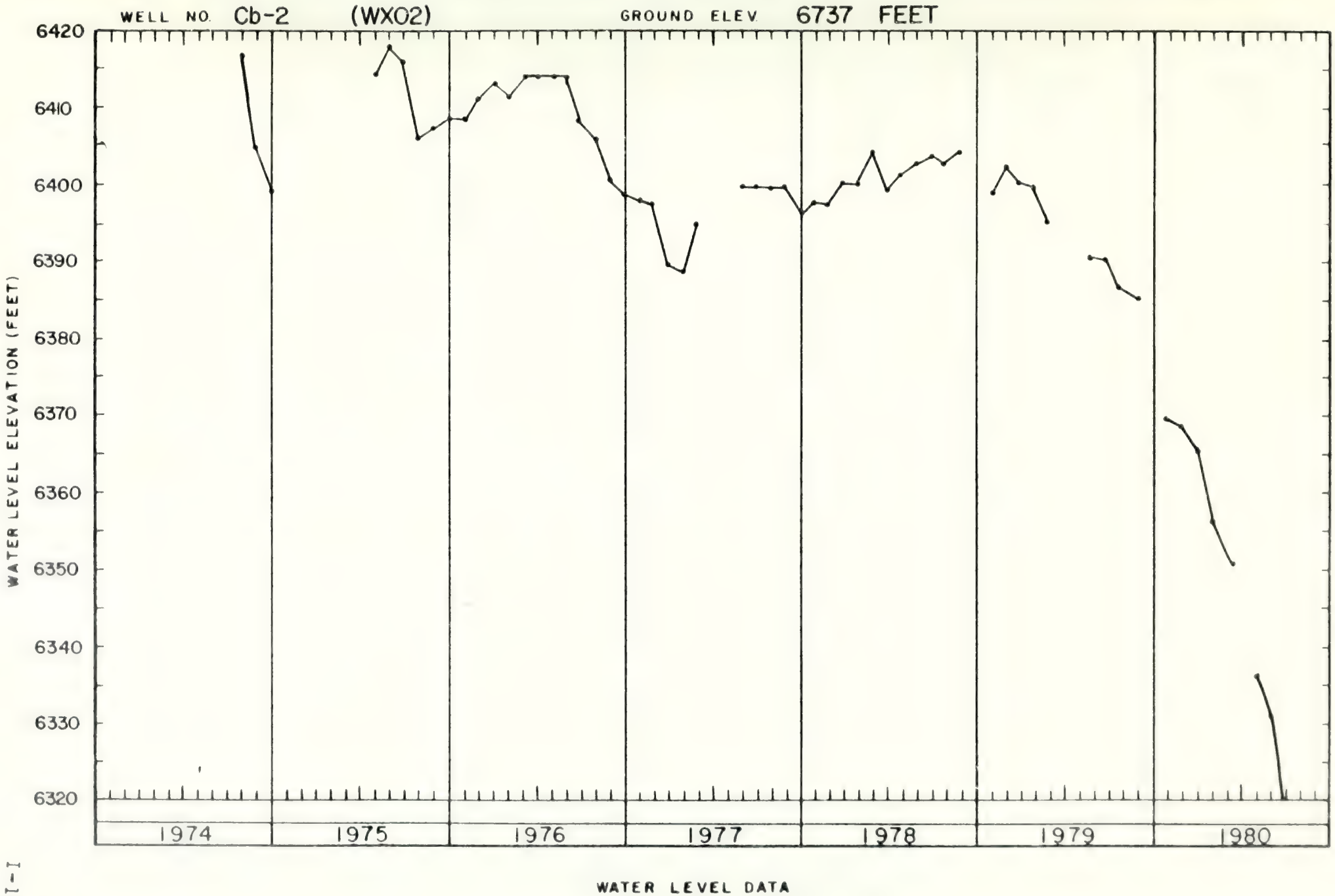
WELL NO. SG10A-2 (WD10) GROUND ELEV. 6953

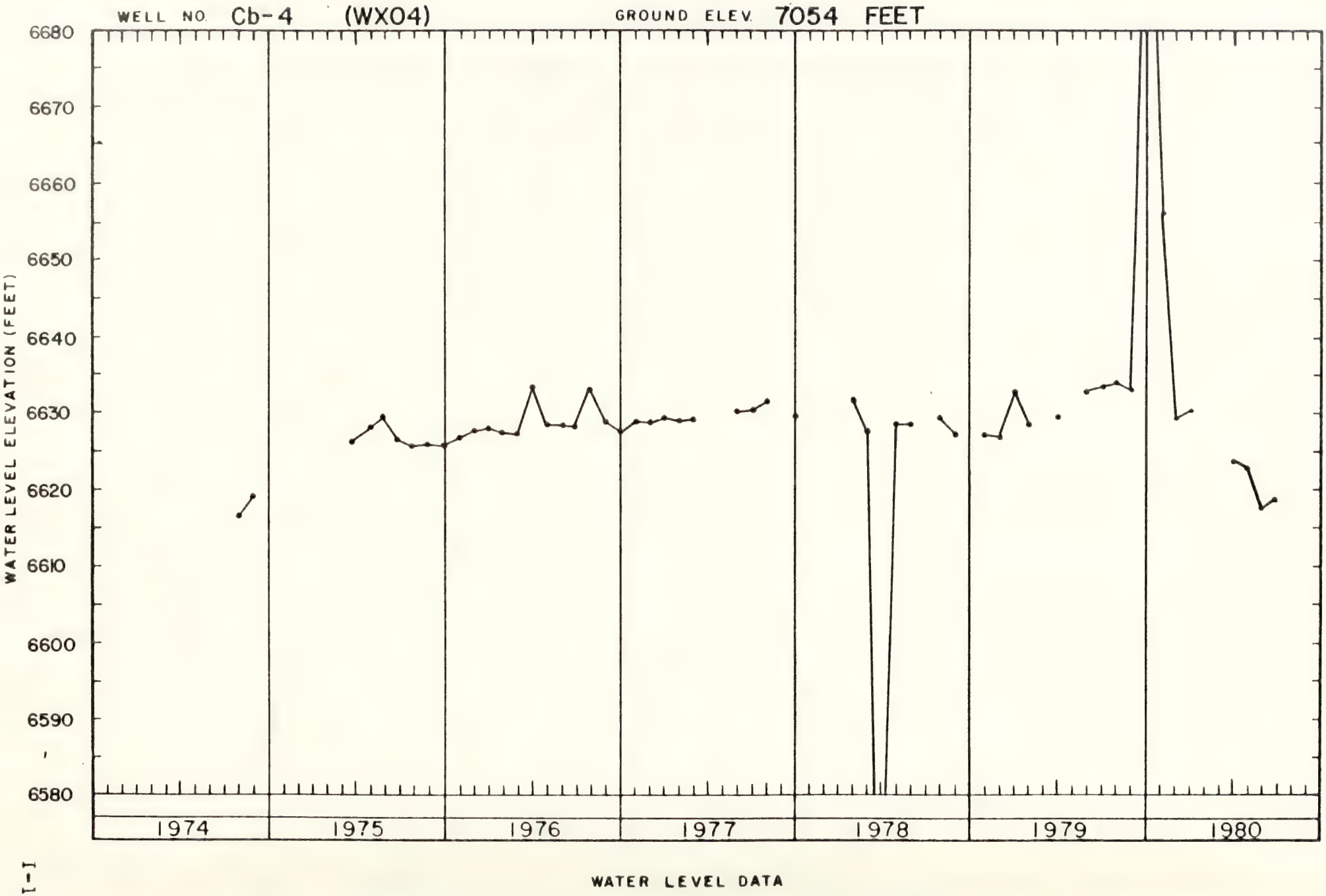
WATER LEVEL DATA

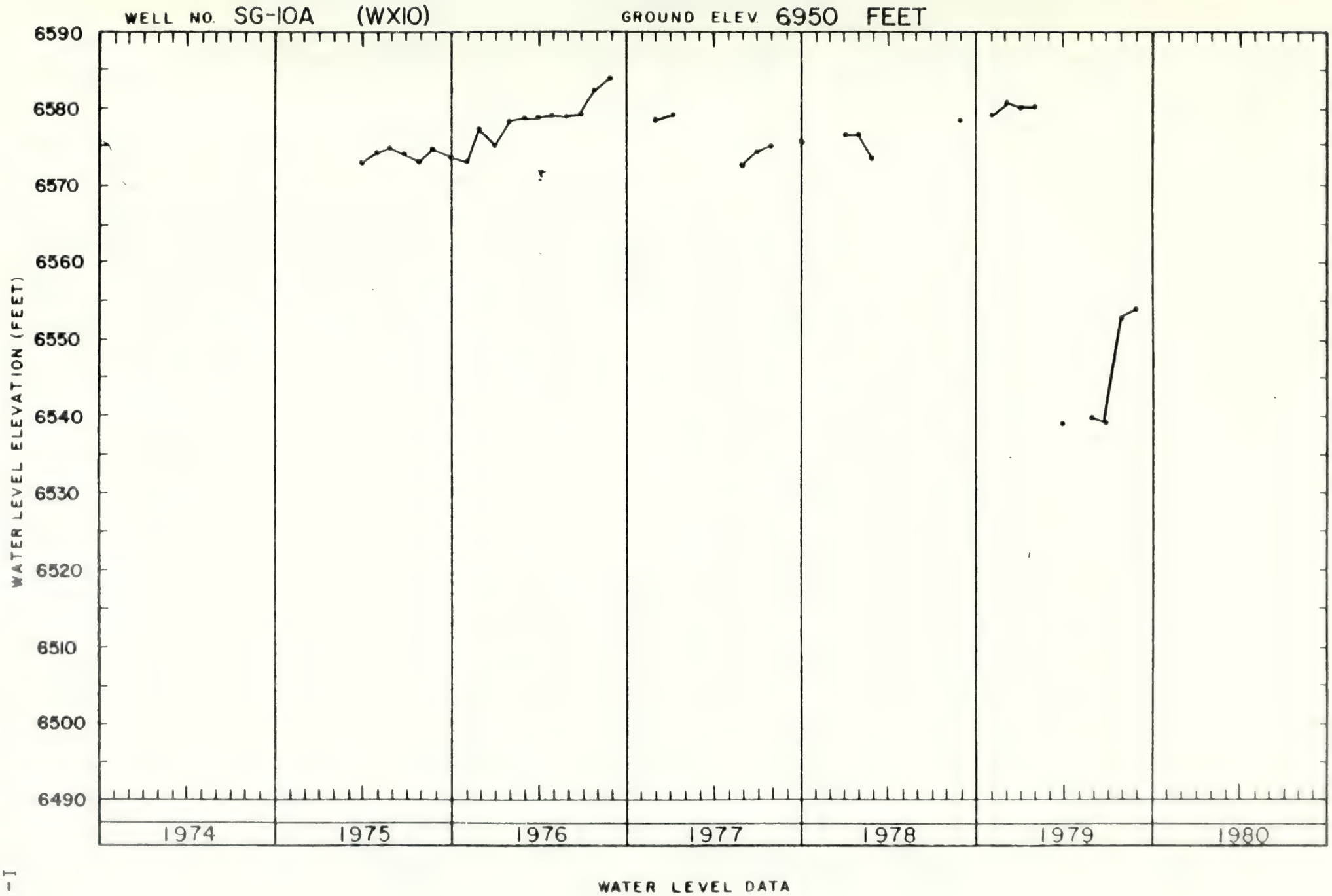
WELL NO. SG10A-1 (WE10) GROUND ELEV. 6953 FEET

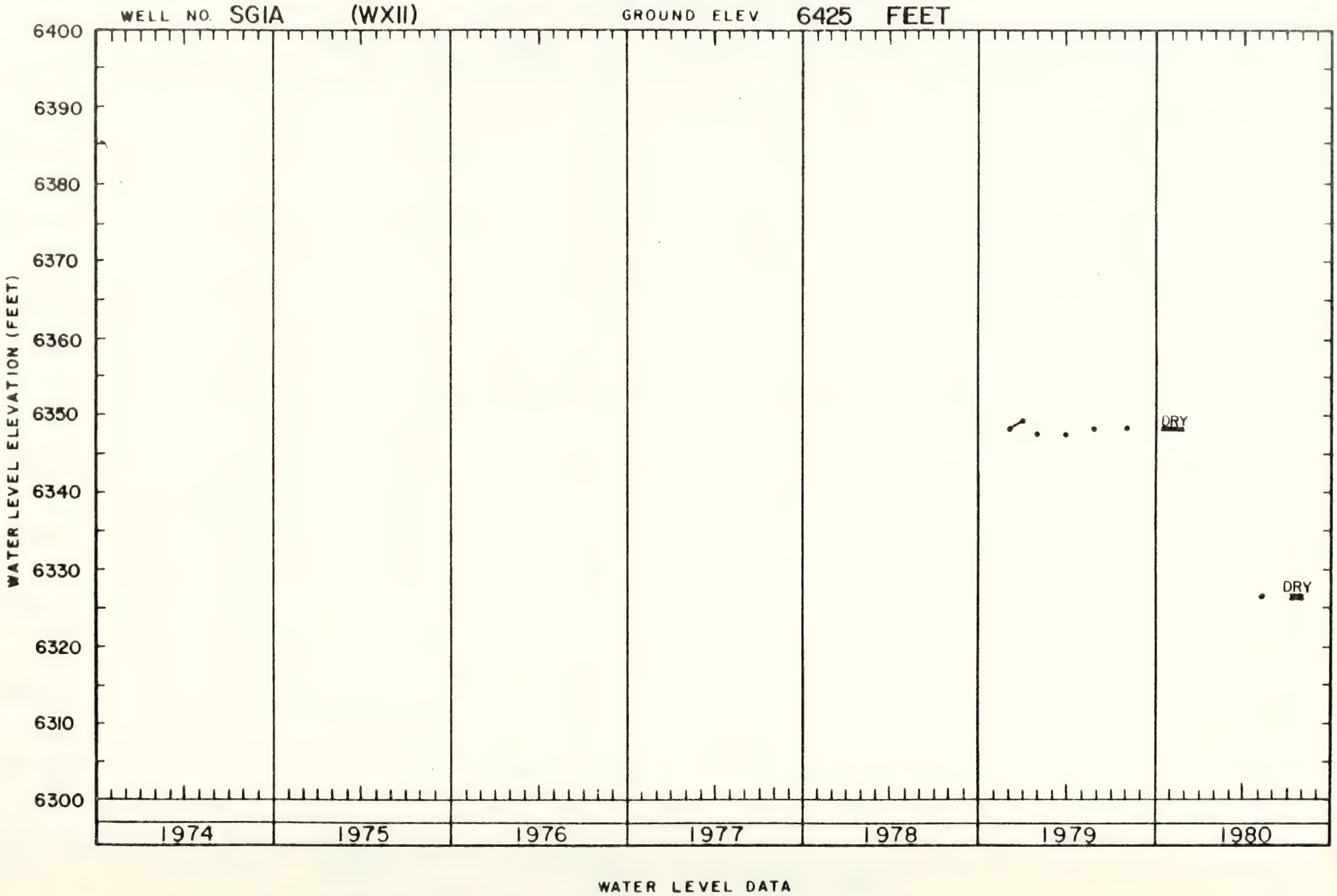


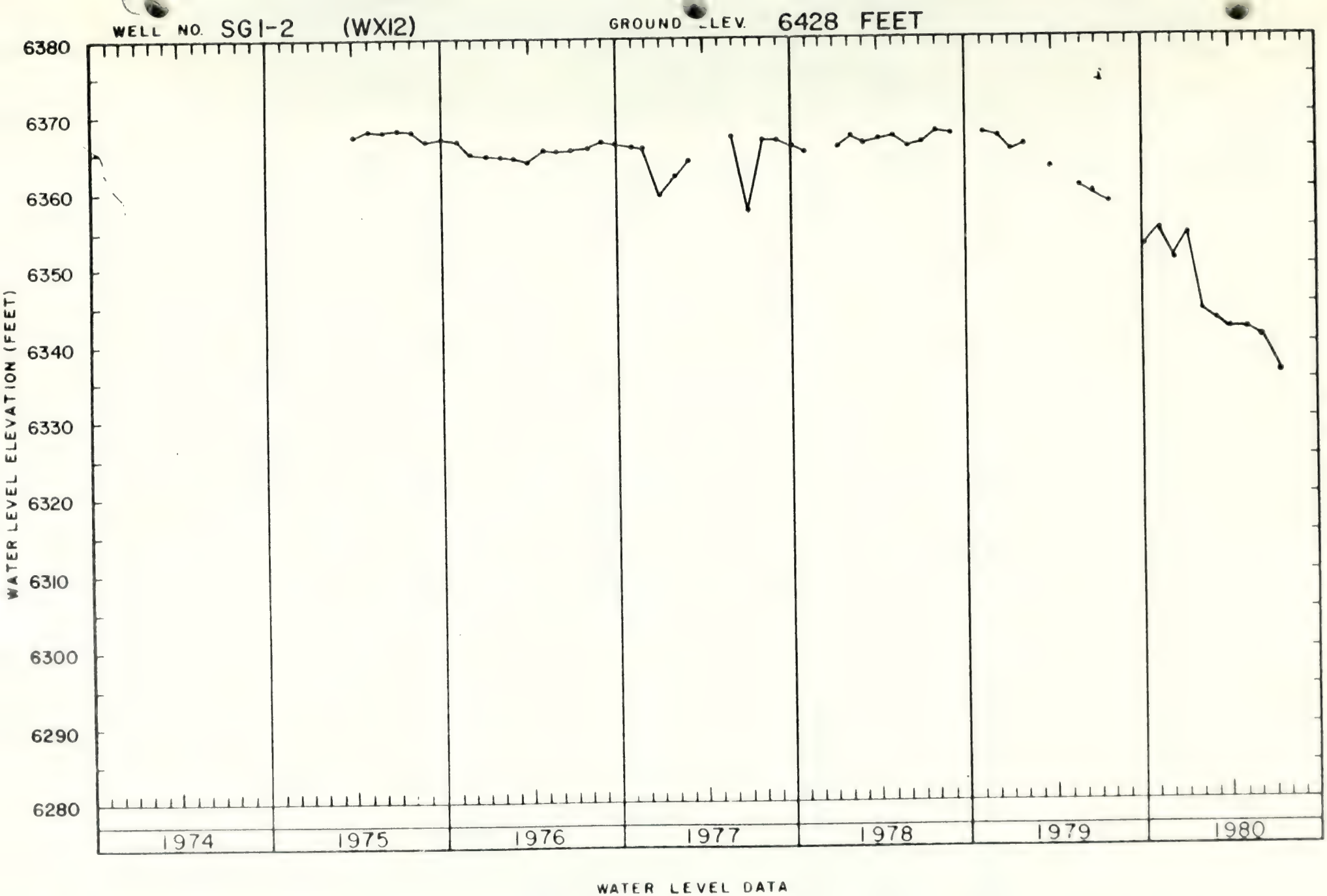
WATER LEVEL DATA

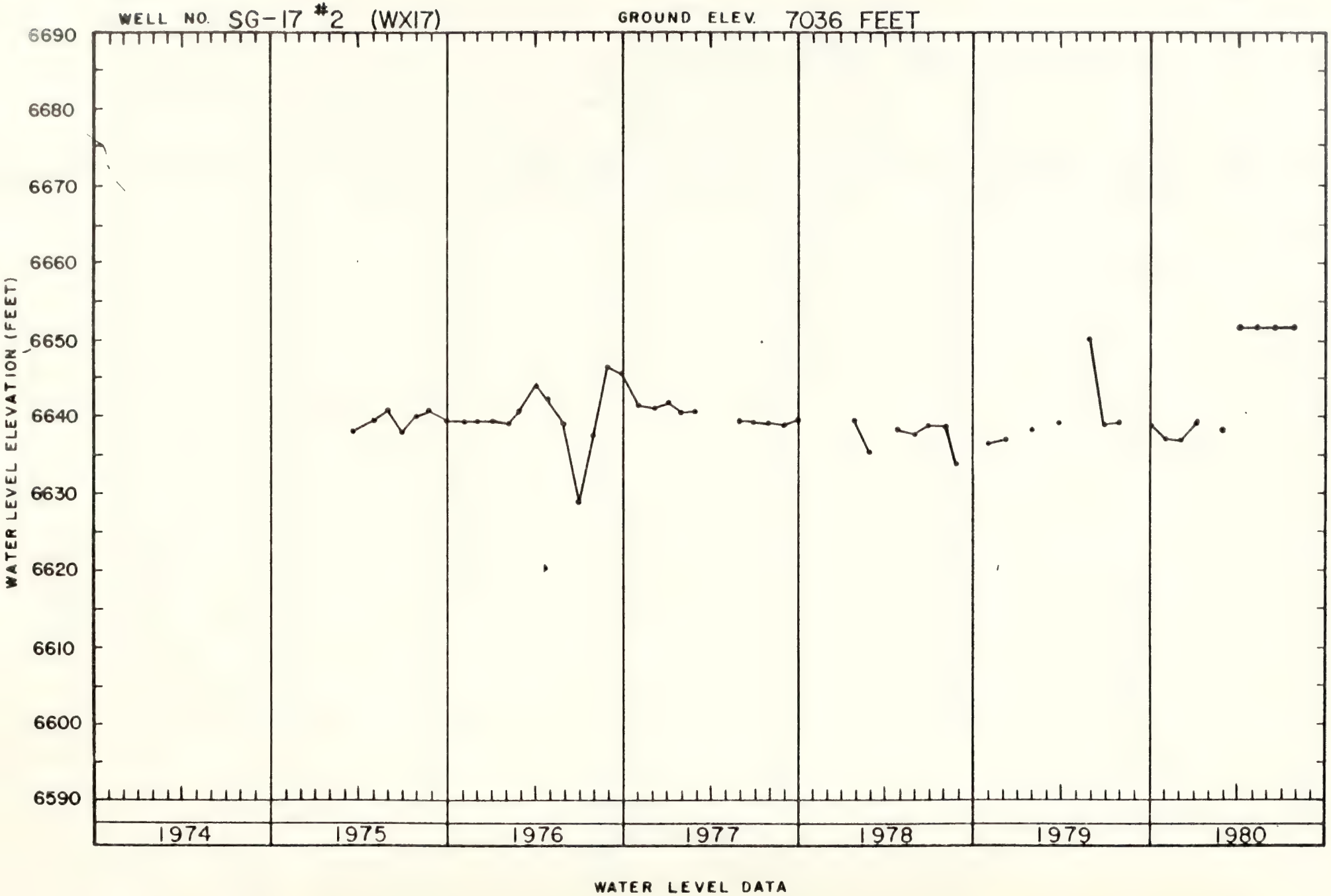

WELL NO. Cb-2 (WX02)
GROUND ELEV. 6737 FEET
WATER LEVEL ELEVATION (FEET)
6420
6410
6400
6390
6380
6370
6360
6350
6340
6330
6320
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA

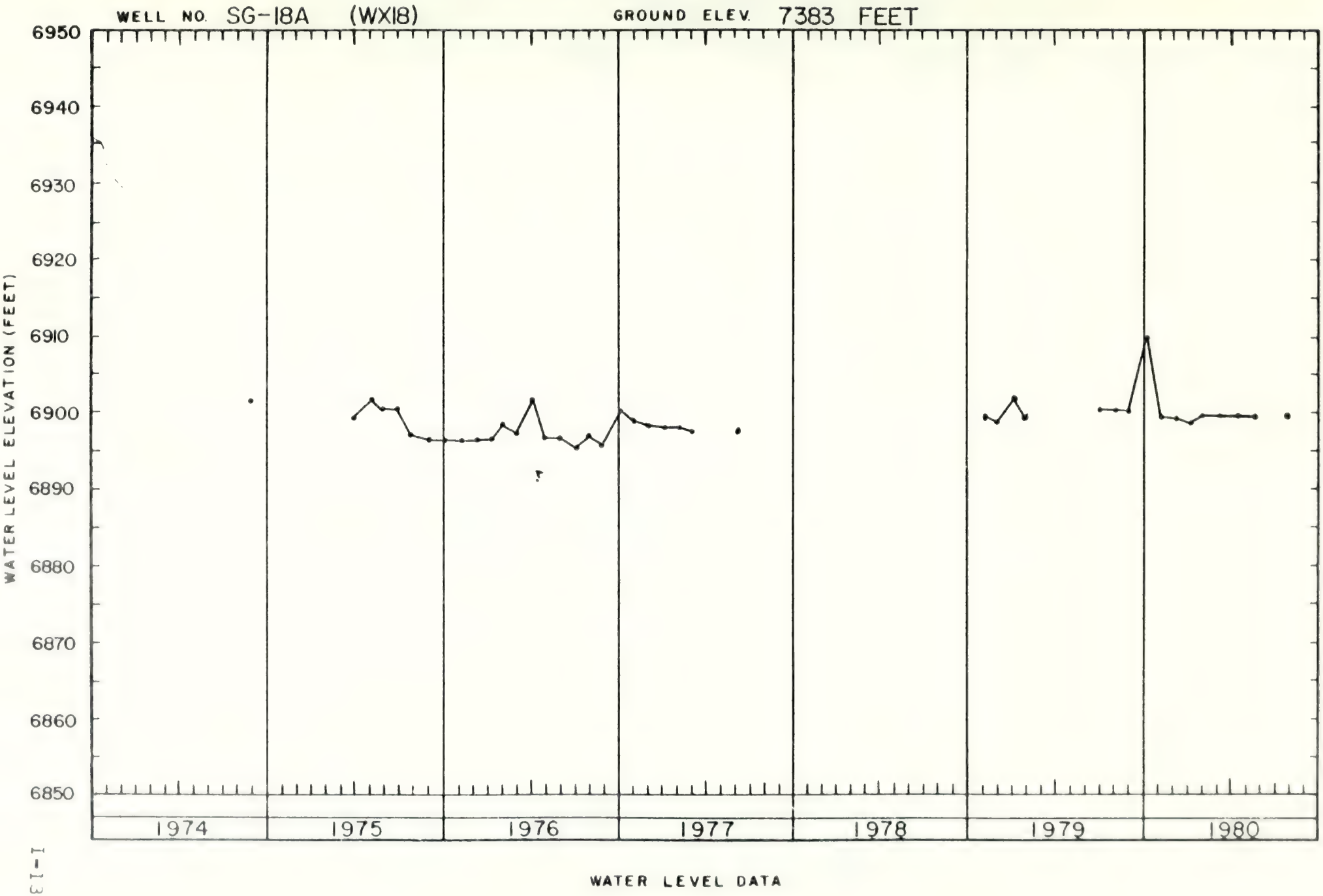

WELL NO. Cb-4 (WX04)
GROUND ELEV. 7054 FEET
WATER LEVEL ELEVATION (FEET)
6680
6670
6660
6650
6640
6630
6620
6610
6600
6590
6580
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA

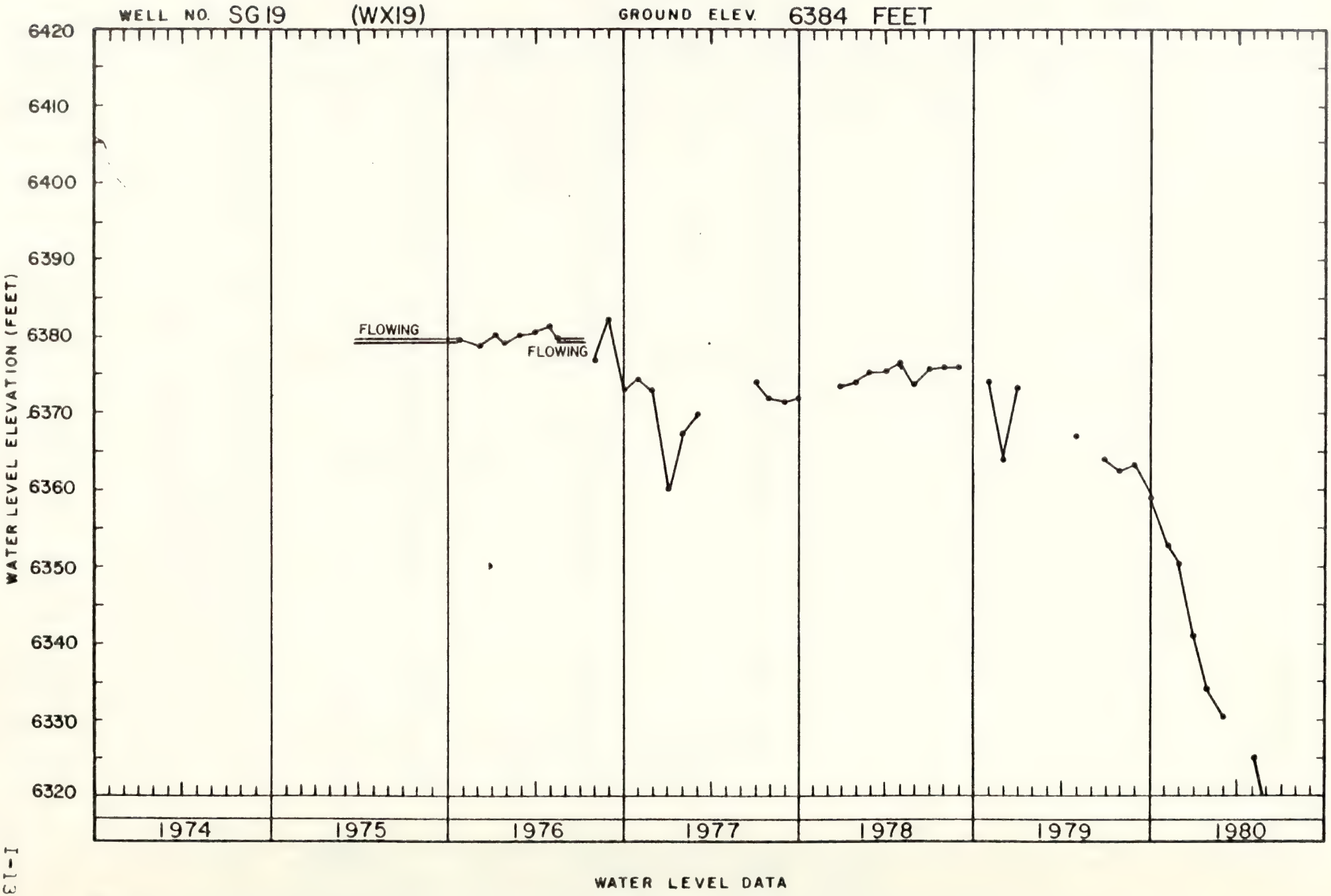

WELL NO. SG-10A (WX10)
GROUND ELEV. 6950 FEET
6590
6580
6570
6560
6550
6540
6530
6520
6510
6500
6490
WATER LEVEL ELEVATION (FEET)
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA

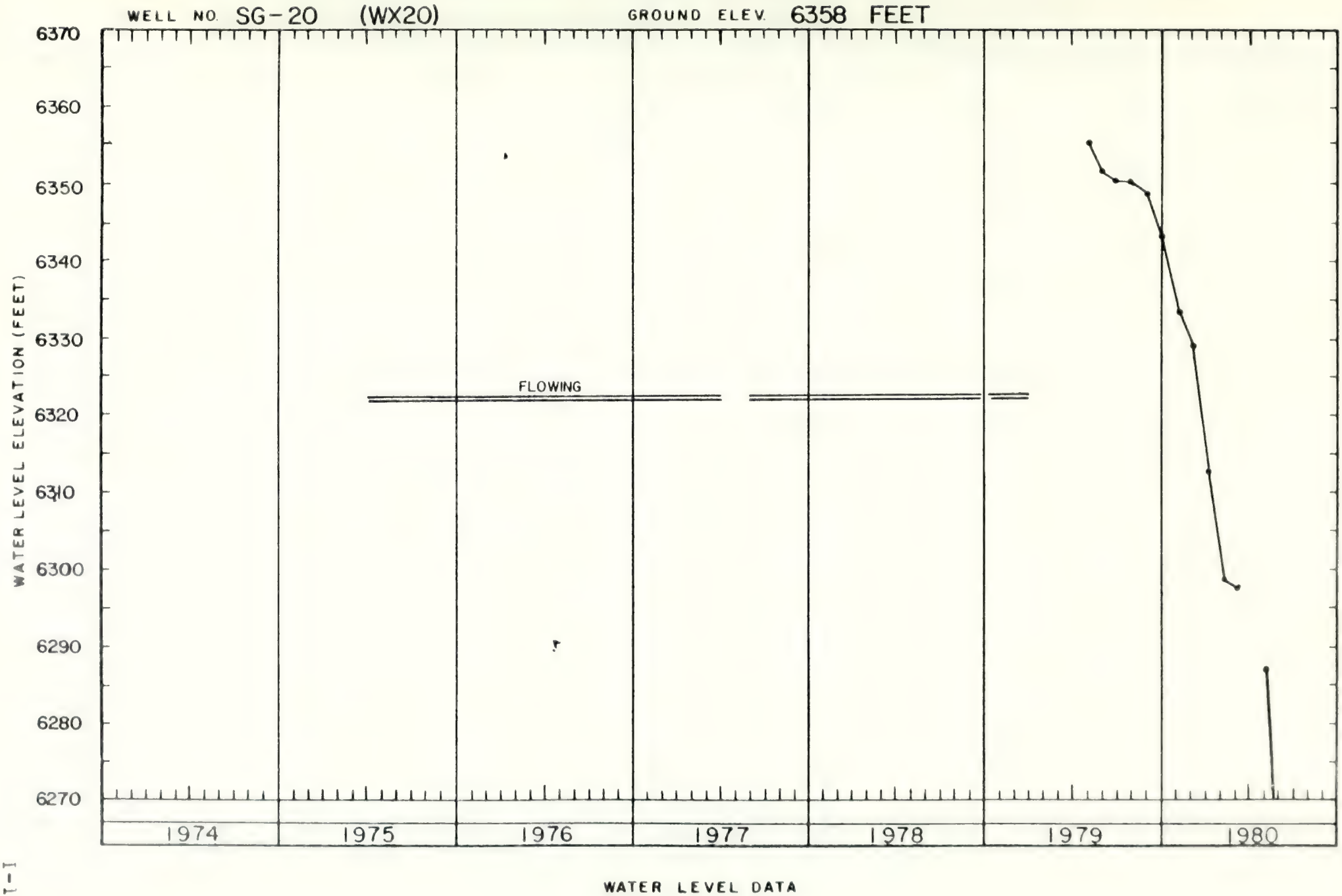

WELL NO. SGIA (WXII)
GROUND ELEV. 6425 FEET
WATER LEVEL ELEVATION (FEET)
6400
6390
6380
6370
6360
6350
6340
6330
6320
6310
6300
DRY
DRY
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA

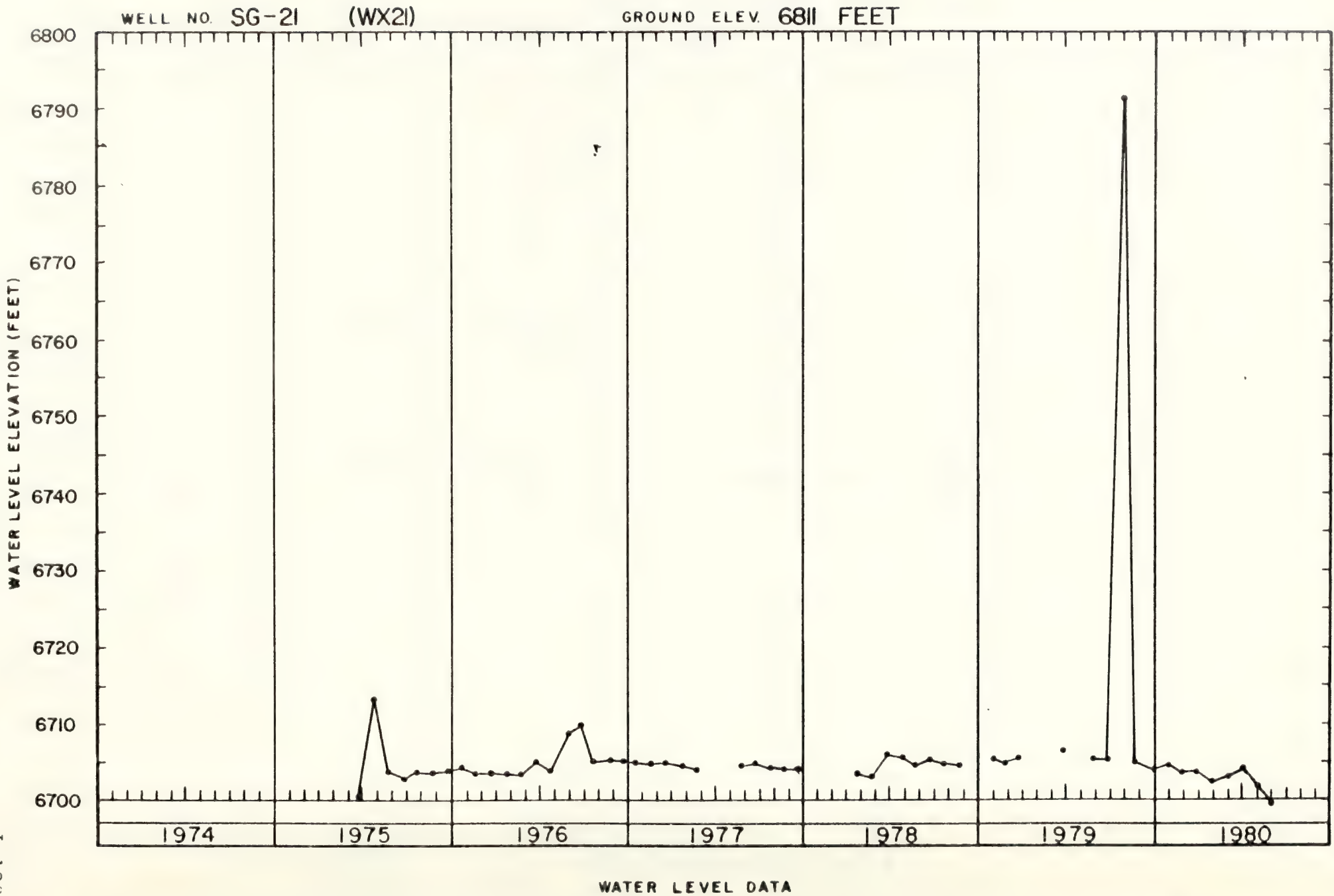

WELL NO. SG1-2 (WX12)
GROUND ELEV. 6428 FEET
6380
6370
6360
6350
6340
6330
6320
6310
6300
6290
6280
WATER LEVEL ELEVATION (FEET)
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA


WELL NO. SG-17 #2 (WX17)
GROUND ELEV. 7036 FEET
WATER LEVEL ELEVATION (FEET)
6690
6680
6670
6660
6650
6640
6630
6620
6610
6600
6590
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA

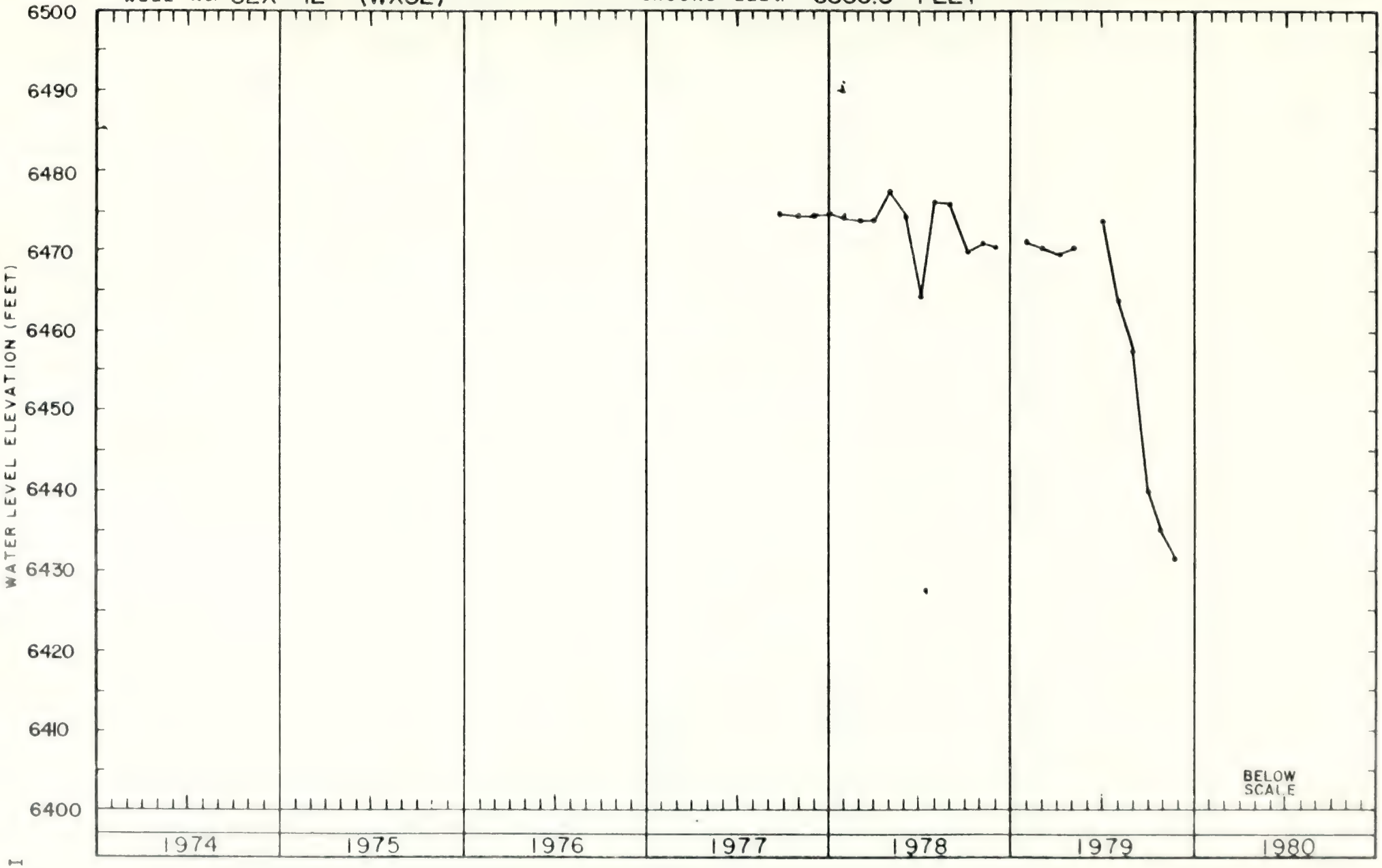

WELL NO. SG-18A (WX18)
GROUND ELEV. 7383 FEET
WATER LEVEL ELEVATION (FEET)
6950
6940
6930
6920
6910
6900
6890
6880
6870
6860
6850
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA


WELL NO. SG 19 (WX19)
GROUND ELEV. 6384 FEET
WATER LEVEL ELEVATION (FEET)
6420
6410
6400
6390
6380
6370
6360
6350
6340
6330
6320
FLOWING
FLOWING
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA

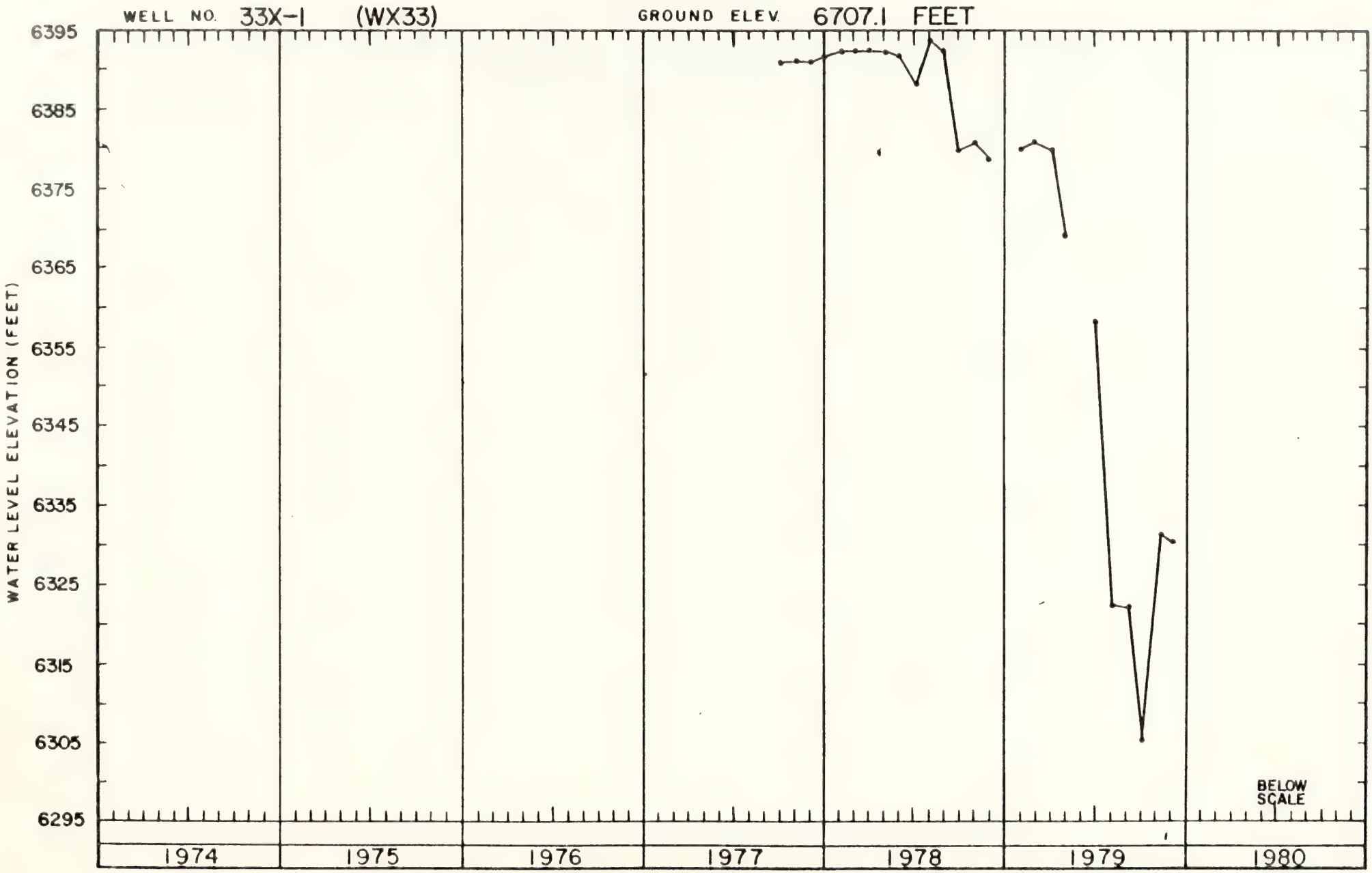

WELL NO. SG-20 (WX20)
GROUND ELEV. 6358 FEET
6370
6360
6350
6340
6330
6320
6310
6300
6290
6280
6270
WATER LEVEL ELEVATION (FEET)
FLOWING
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA


WELL NO. SG-21 (WX21)
GROUND ELEV. 6811 FEET
WATER LEVEL ELEVATION (FEET)
6800
6790
6780
6770
6760
6750
6740
6730
6720
6710
6700
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA

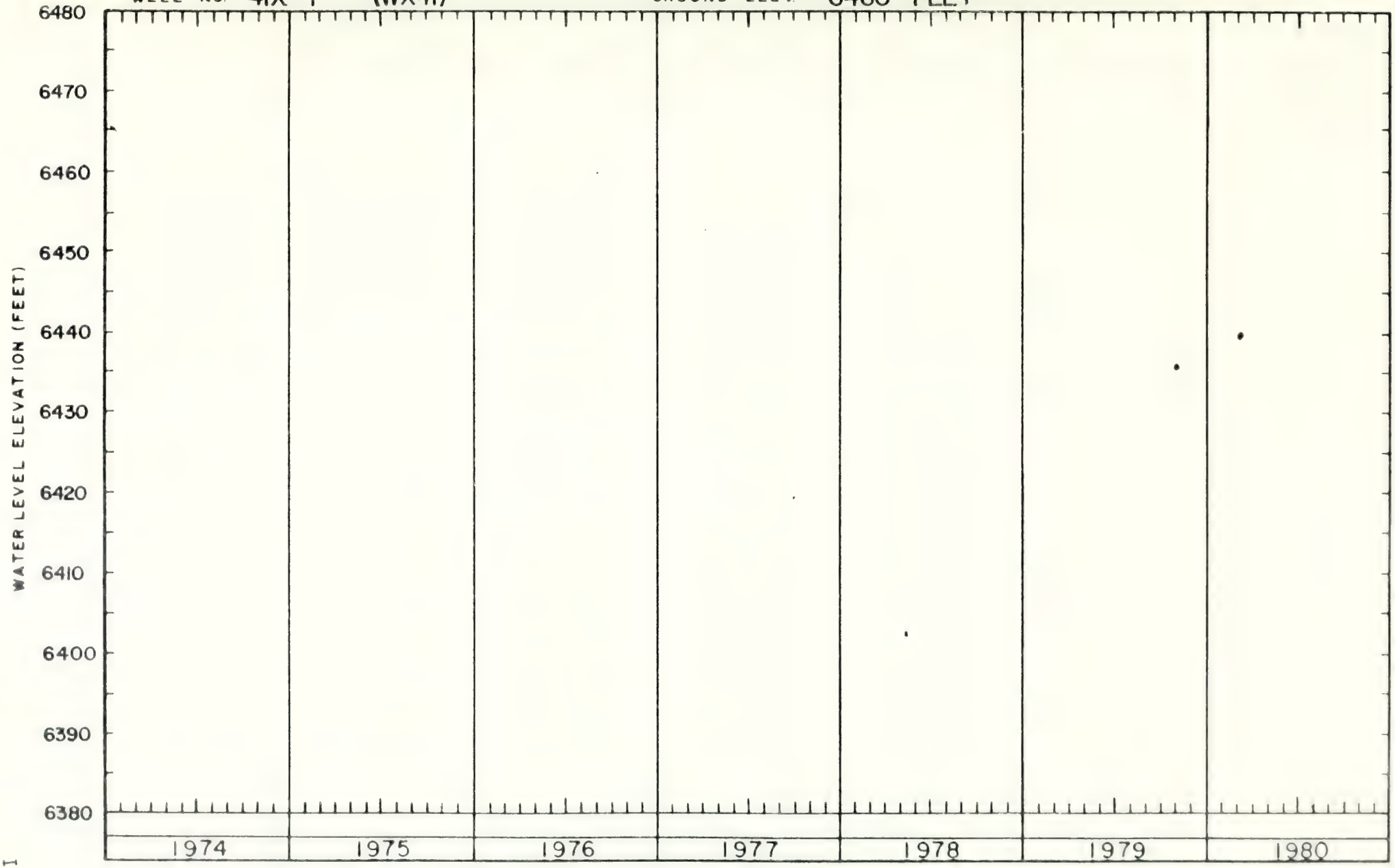
WELL NO. 32X-12 (WX32) GROUND ELEV. 6830.3 FEET



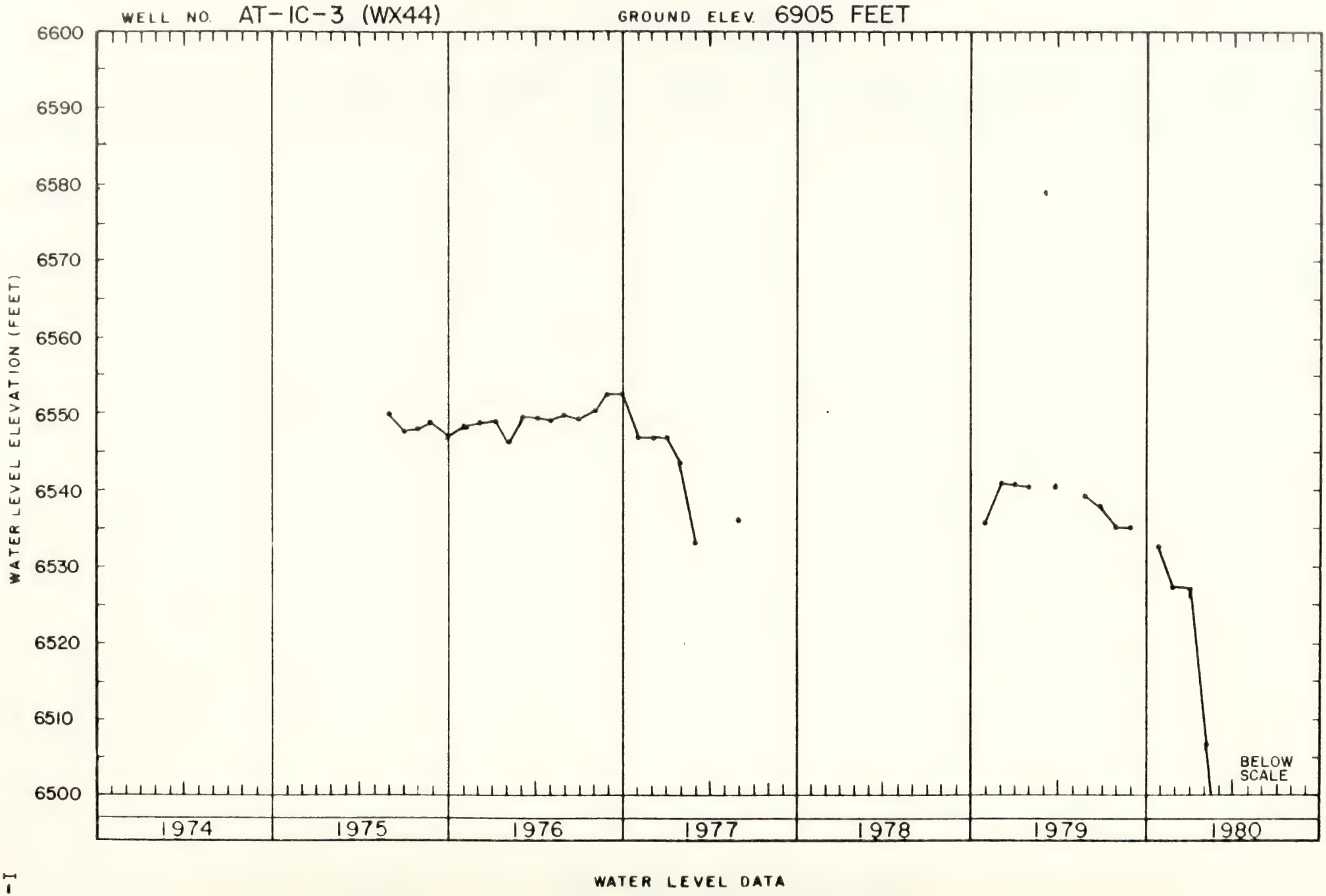
WATER LEVEL DATA

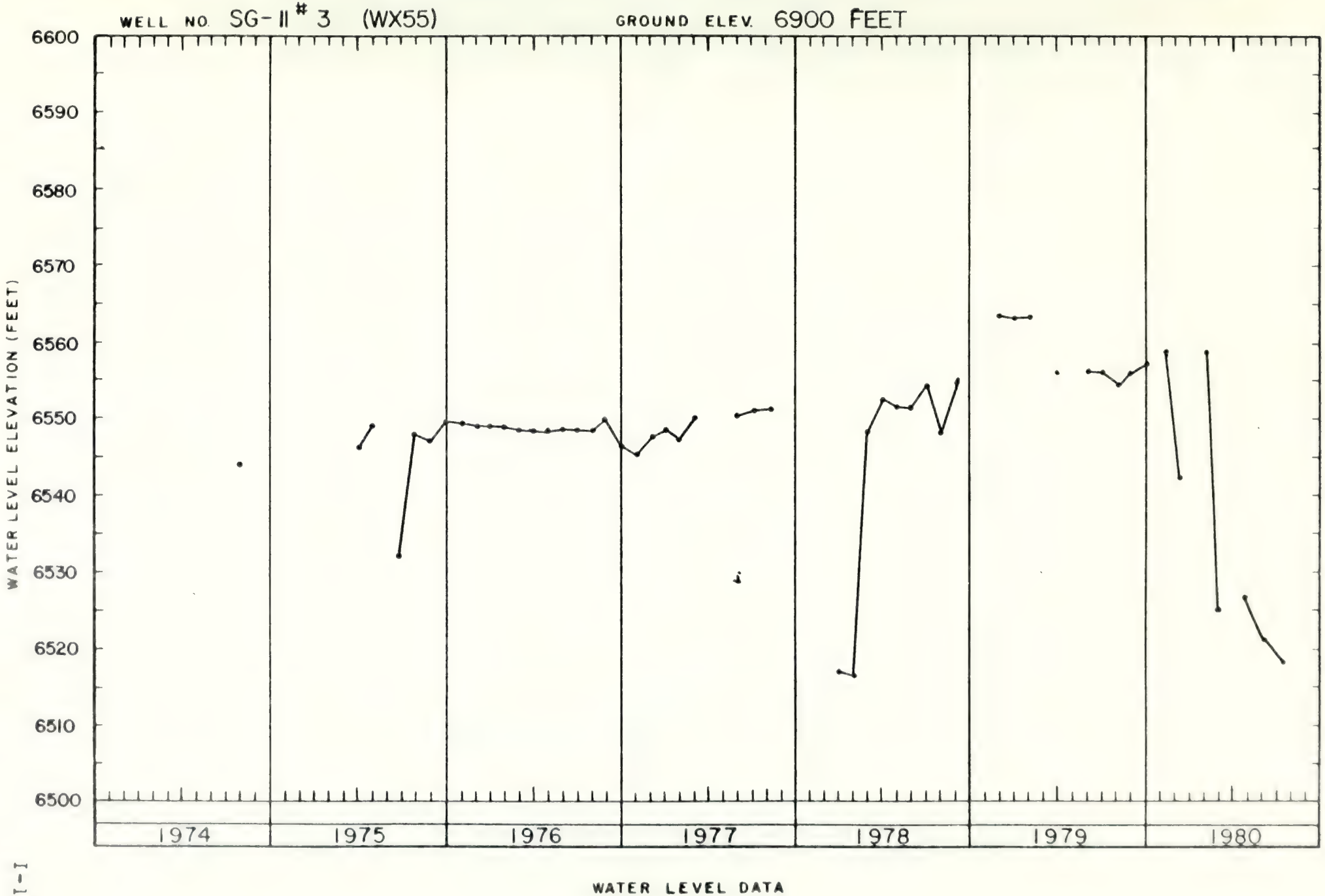

WELL NO. 33X-1 (WX33)
GROUND ELEV. 6707.1 FEET
WATER LEVEL ELEVATION (FEET)
6395
6385
6375
6365
6355
6345
6335
6325
6315
6305
6295
BELOW SCALE
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA

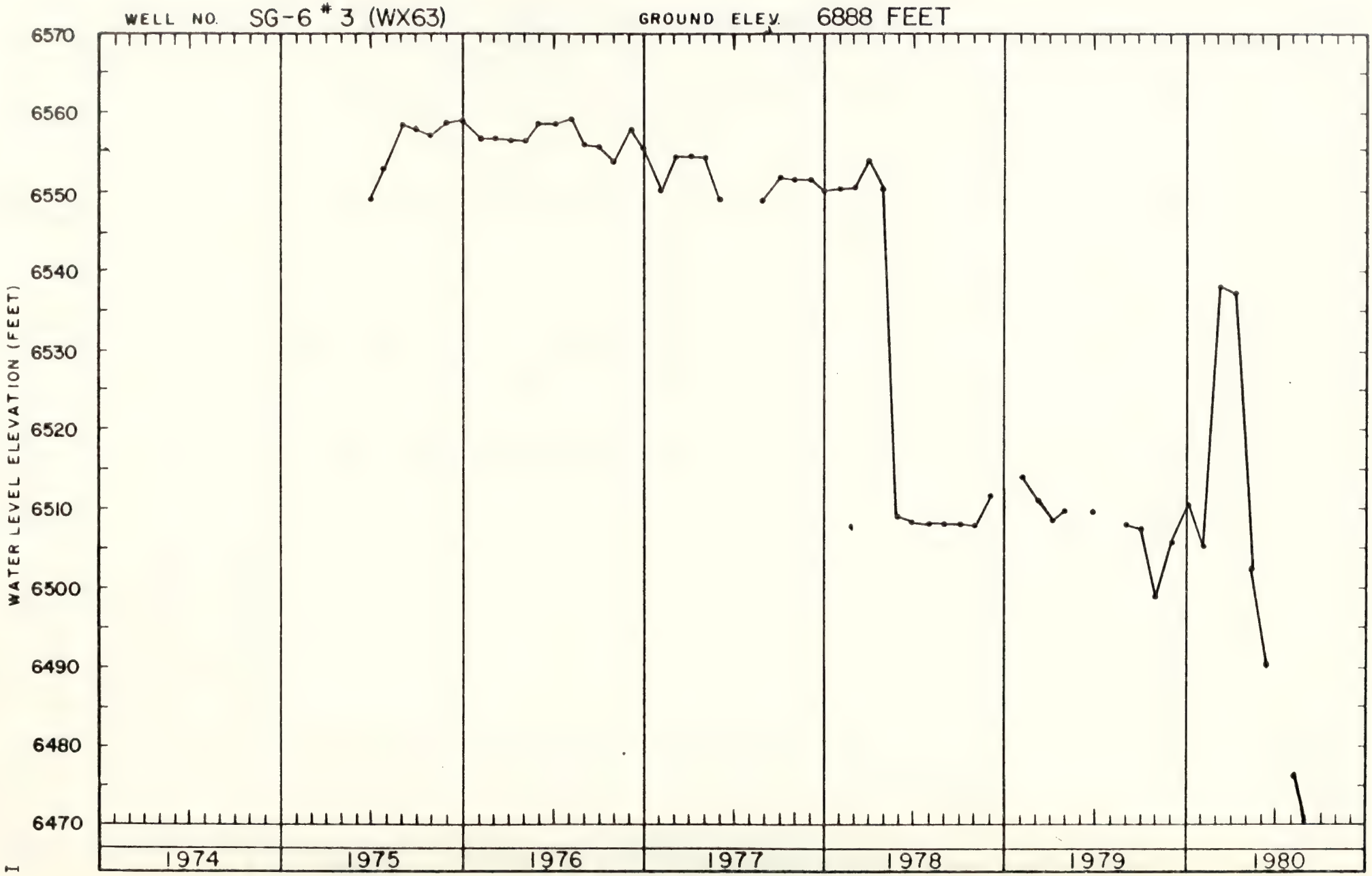
WELL NO. 41X-1 (WX41) GROUND ELEV. 6460 FEET



WATER LEVEL DATA


WELL NO. AT-IC-3 (WX44)
GROUND ELEV. 6905 FEET
WATER LEVEL ELEVATION (FEET)
6600
6590
6580
6570
6560
6550
6540
6530
6520
6510
6500
BELOW SCALE
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA


WELL NO. SG-II # 3 (WX55)
GROUND ELEV. 6900 FEET
WATER LEVEL ELEVATION (FEET)
6600
6590
6580
6570
6560
6550
6540
6530
6520
6510
6500
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA



WATER LEVEL DATA

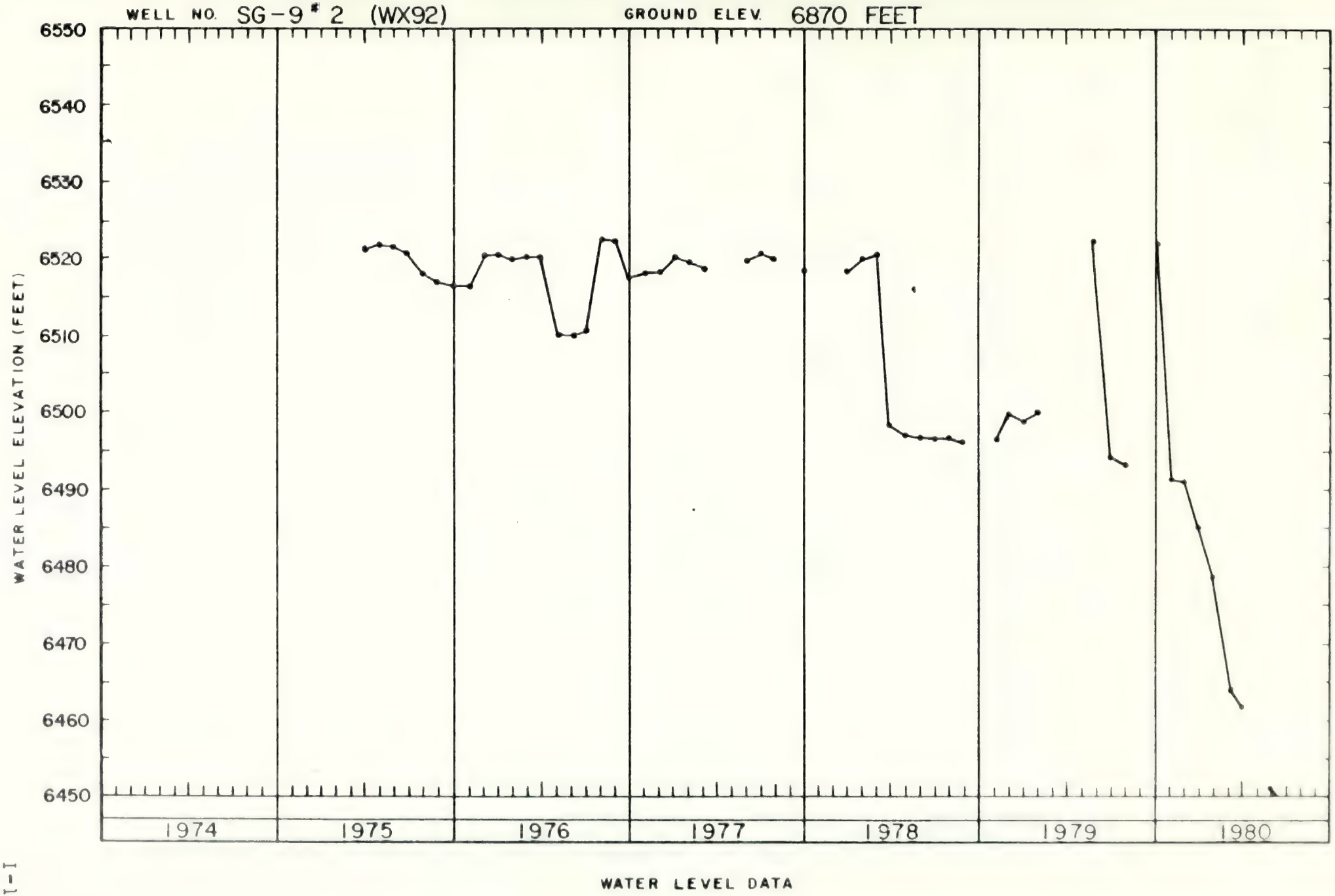

WELL NO. SG-9 # 2 (WX92)
GROUND ELEV. 6870 FEET
WATER LEVEL ELEVATION (FEET)
6550
6540
6530
6520
6510
6500
6490
6480
6470
6460
6450
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA

TABLE 2.2.1.4-3

STEVENS RECORDER DAILY WATER LEVELS
FOR UPPER AQUIFER WELLS

Well No.	Computer Code	Page No.
SG-1-2	WX12	I-147
SG-19	WX19	I-148
SG-20	WX20	I-149
32X-12	WX32	I-150
33X-1	WX33	I-151

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WX12 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				79.54	84.80	RF	86.04	86.83	91.24	RF		
2					84.99		86.12	86.83	91.33	RF		
3					85.15		86.12	86.70	91.47			
4					85.17		86.08	86.57	91.61			
5	PLUGGED				85.18		86.10	86.54	91.75			
6	(from 1/1/80				85.17		86.15	86.54	91.79			
7	to 3/9/80)				85.19		86.14	86.51	91.83			
8					85.19		86.23	86.43	92.01			
9					85.15		86.25	86.46	RF			
10			79.55		85.15		86.27	86.56				
11			79.54		85.18		86.27	86.69				
12			79.54		85.39		86.27	86.91				
13			79.55		85.51		86.29	87.28				
14			79.54		85.44		86.31	87.32				
15			79.54		85.45		86.34	87.10				
16			79.54		85.56		86.35	87.59				
17			79.55		85.73		86.38	87.84				
18			79.55		85.81		86.37	88.16				
19			79.54		85.82		86.40	88.64				
20				79.54	85.83		86.46	89.07				
21				84.28	RF		86.57	89.31				
22				84.32			86.61	89.61				
23				84.39			86.63	90.00				
24				84.42			86.63	90.20				
25				84.52			86.67	90.41				
26							86.74	90.62				
27				84.68			86.76	90.70				
28				84.80			86.79	90.89				
29				84.84			86.80	90.96				
30				84.76		86.04	86.82	91.02				
31			79.54				86.83	91.10				
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WX19 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1		RF	RF	RF	51.41		55.65	58.69	RF	79.97	91.45	
2					51.45		55.79	58.64	RF	80.06	91.54	
3					51.38		56.02	58.36	RF	80.04	91.68	
4					51.38		56.13	58.12	RF	79.65	91.85	
5					51.38		56.17	58.00	75.15	79.70	91.97	
6					51.38		56.21	57.99	75.36	79.77	91.97	
7							56.29	58.22	75.58	79.86	92.03	
8							56.48	58.57	75.84	79.96	92.08	
9							56.62	59.24	75.99	80.28	92.08	
10							56.60	60.10	75.12	82.27	88.83	
11							56.65	61.20	76.34	83.77	88.83	
12							56.73	62.55	76.56	85.17		
13							56.77	63.80	76.77	85.97		
14	RF						56.89	64.84	76.99	86.73		
15							57.11	65.77	77.09	87.24		
16							57.20	66.64	77.03	87.72		
17							57.17	67.45	77.52	88.27		
18						51.38	57.30	68.41	77.65	88.70		
19						52.45	57.46	69.44	77.89	89.06		
20						52.78	57.57	70.16	78.03	89.28		
21				RF		53.12	57.68	70.17	78.37	89.66		
22				RF		53.40	57.78	70.17	78.56	89.86		
23				RF		53.71	57.94	70.17	78.73	89.77		
24				50.35		54.05	58.09	70.17	78.95	90.08		
25				50.62		54.25	58.39	70.17	79.10	90.23		
26				50.87		54.37	58.60	70.17	79.23	90.31		
27				51.01		54.59	58.70	RF	79.28	90.31		
28				51.06		54.76	58.71		79.44	90.68		
29		RF		51.07		55.07	58.72		79.67	90.90		
30				51.20		55.28	58.74		79.81	91.26		
31	RF		RF				58.65			91.36		
AVG.												

PLUGGED

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WX20 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				52.55	59.89	61.02	68.20	71.40	98.98	RF	117.58	
2				53.03	59.88	61.23	69.25	71.03	99.13	RF	117.53	
3				53.51	59.55	61.14	69.41	70.49	99.45	RF	117.50	
4				53.85	59.12	61.02	69.29	69.20	99.45	96.31	117.56	
5				54.14	59.62	60.91	68.98	68.11	99.45	96.27	117.57	
6				54.49	59.77	60.79	68.68	67.36	99.45	96.17	117.53	
7				55.00	59.65	60.80	69.22	67.71	99.45	96.43	117.41	
8				55.25	59.40	60.78	69.46	68.89	99.75	97.00	117.39	
9				55.43	59.40	60.67	69.38	70.58	99.75	98.16	117.53	
10	Monitoring of			55.69	59.27	60.53	69.12	72.91	99.75	98.16	117.56	
11	Well WX20			56.32	59.19	60.88	69.44	75.70	99.75	109.84	117.64	
12	was initiated			56.60	59.30	61.18	69.43	78.96	99.75	111.64	117.69	
13	on March 28, 1980			56.65	59.31	61.47	70.20	82.14	99.75	112.67		
14				56.67	59.24	61.90	70.49	84.44	99.75	113.66		
15				56.94	59.38	62.32	70.50	85.99	99.75	114.18		
16				57.36	59.66	62.58	70.83	88.57	99.75	114.58		
17				57.87	59.86	62.89	71.05	90.38	99.75	114.95		
18				58.24	60.00	63.35	71.02	91.16	99.75	115.31		
19				58.35	59.99	64.14	70.95	91.51	99.77	115.60		
20				58.66	60.13	64.71	70.84	93.40	99.77	116.13		
21				58.82	60.39	65.02	71.12	93.40	99.77	116.53		
22				58.88	60.70	65.25	71.24	93.41	99.77	116.75		
23				58.87	60.72	66.05	71.39	93.46	99.77	116.91		
24				58.83	60.73	66.30	72.43	93.47	RF	117.16		
25				59.29	60.77	66.32	72.29	93.53		117.23		
26				59.49	60.74	66.35	72.27	97.81		117.25		
27				59.55	60.55	66.51	71.86	97.81		117.02		
28			50.20	59.55	60.50	66.57	71.57	97.90		117.24		
29			50.92	59.52	60.52	66.57	71.45	98.04		117.38		
30			51.42	59.55	60.74	66.58	71.47	98.27		117.60		
31			52.09		61.02		71.43	98.67		117.63		
AVG.												

STATION: WX32 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1											534.95	767.55
2											535.97	768.68
3											536.14	RF
4											538.65	RF
5											539.43	
6											540.15	
7											541.59	
8											542.57	
9											544.01	
10											544.95	
11											546.29	
12											750.09	
13										706.33	752.14	
14										RF	753.99	
15										710.73	755.28	
16										714.86	756.00	
17										717.07	756.48	
18										718.62	757.77	
19										720.08	758.92	
20										721.54	759.46	
21										728.24	759.97	
22										730.47	760.22	
23										533.51	760.22	
24										533.59	760.22	
25										533.69	760.72	
26										530.92	761.37	
27										530.96	761.58	
28										532.06	761.72	
29										532.79	761.97	
30										533.52	763.35	
31										533.89		

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WX33 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1									514.26	544.74		
2									514.26	544.74		
3									512.08	520.50		
4									512.93	520.50		
5									513.98	520.74		
6									514.04	522.08		
7									514.04	531.89		
8									514.04	536.11		
9									514.52	536.12		
10									515.14			
11									515.55			
12									516.78			
13									517.25			
14									517.85			
15								515.70	518.05			
16								521.20	518.50			
17								522.91	522.42			
18								522.90	522.43			
19								522.90	519.55			
20								522.90	522.15			
21								522.90	522.15			
22								522.90	522.56			
23								522.91	527.56			
24								522.91	527.56			
25								522.91	527.80			
26									544.74			
27									544.74			
28								510.65	544.74			
29								511.85	544.74			
30								512.81	544.74			
31								513.56				
TOTAL												

TABLE 2.2.1.4-4

CB-TRACT
WATER LEVELS IN UPPER AQUIFER WELLS
REQUIRED BY WATER AUGMENTATION PLAN
FOR SAMPLE DATE SHOWN

		WELL ID - MEASURING POINT ELEVATION (FT)							
		WX64	WX65	WX67	WX69	WX71	WX72	WX73	WX75
		7178	6390	6740	7350	6580	6805	8142	7583
YR	MO	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)
80	1	6759	6332	6308	6898	FLWING	6759	7647	NS
	2	6760	6332	6308	6897	FLWING	6759	7646	7513
	3	6761	6332	6307	6898	FLWING	6759	7647	7513
	4	6761	6331	6307	6898	FLWING	6758	7647	7514
	5	6761	6333	6308	6898	FLWING	6759	7671	7535
	6	6761	6333	6308	6895	FLWING	6761	7651	7523
	7	6762	6333	6308	6897	FLWING	6761	7648	7515
	8	6762	6333	6308	6897	FLWING	6761	7647	7513
	9	6763	6333	6308	6897	FLWING	6761	7647	7513
	10	6763	6332	6308	6897	FLWING	6761	7647	7512
	11	6763	6332	6308	6897	FLWNG	6761	7647	7512

PLUGGD = WELL PLUGGED
DRY = WELL DRY
FLWING = WELL FLOWING
INACCS = WELL INACCESSABLE

2.2.1.5 Lower Aquifer Wells

Water levels for Lower Aquifer Wells for this reporting period are presented in Table 2.2.1.5-1. The deep well monitoring network is presented in Section 2.2.1.4, Figure 2.2.1.4-1.

Plots of all present and past lower aquifer wells monitoring water levels are presented in this section; to reference these plots see Table 2.2.1.5-2.

Stevens Recorder instrumentation for monitoring continuous water levels are operating at four lower aquifer well stations. Table 2.2.1.5-3 lists these wells and corresponding computer codes.

Levels data are presented in Table 2.2.1.5-4 for fourteen Lower Aquifer monitoring wells. These wells are required by the Water Augmentation Plan (WAP).

An attempt has been made to refer to all stations by their four-digit computer station codes. For additional information on these codes refer to Section 4.0.

TABLE 2.2.1.5-1

CB-TRACT
WATER LEVELS IN LOWER AQUIFER WELLS
FOR SAMPLE DATE SHOWN

WELL ID - MEASURING POINT ELEVATION (FT)

YR	MO	WG10	WY03	WY12	WY17	WY45	WY46	WY51	WY52	WY54	WY61	WY62	WY81	WY91
		6952	6743	6428	7038	6906	6906	0	6903	6903	6890	6890	6540	6873
		DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)
80	1		6378	6351	6652	6520	6520		6523	6543	6540	6511	FLWING	6522
	2	6581	6352	6354	6652	6519	6529		6532	6559	6502	6510		6522
	3	6580		6349	6652	6517	6517				6501	6508		6522
	4	6580		6351		6511	6511		6523	6534	6534	6497		6520
	5	6580		6348	6652	6506	6505		6523	6528	6532	6494		6519
	6			6344	6648									6516
	7	6581		6343	6636	6488	6487		6523	6555	6526	6483		
	8	6587		6339	6635	6479	6477		6522	6553	6517	6479		6515
	9	6587		6331	6634	6471	6469		6520	6549	6520	6472		6514
	10	6595									6513	6458		

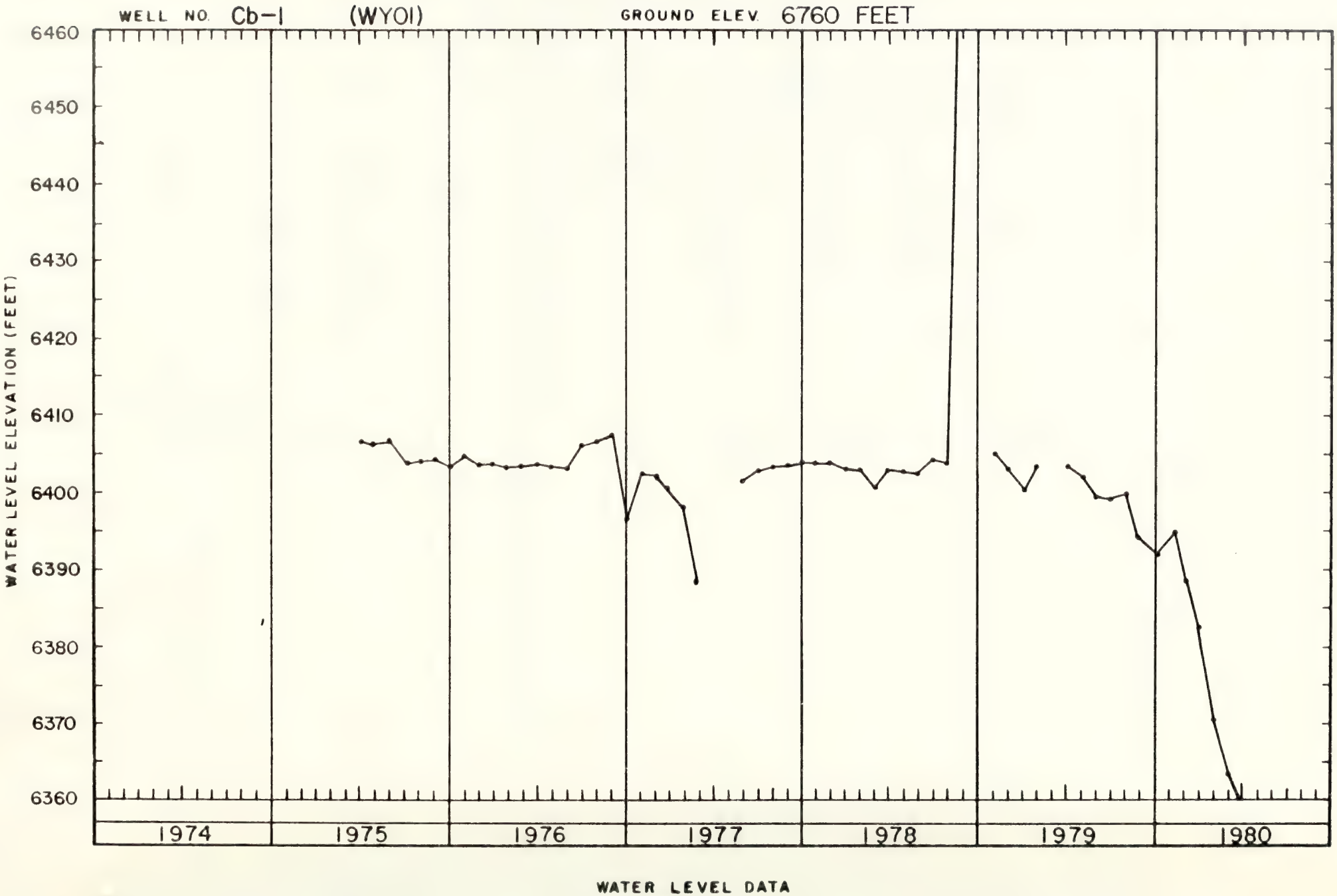
PLUGGD= WELL PLUGGED
DRY = WELL DRY
FLWING= WELL FLOWING
INACCS= WELL INACCESSIBLE
NS = WELL NOT SAMPLED

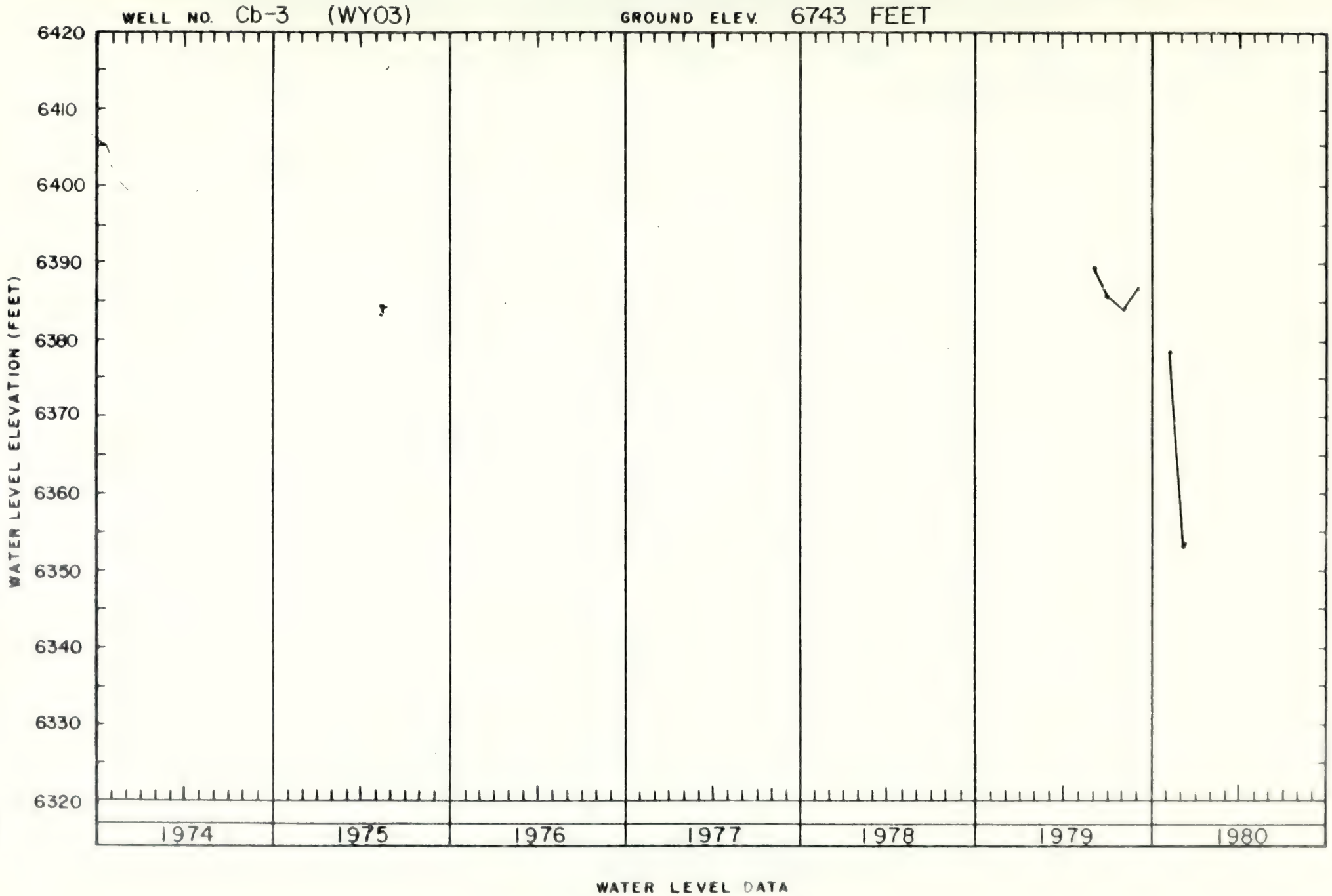
TABLE 2.2.1.5-2

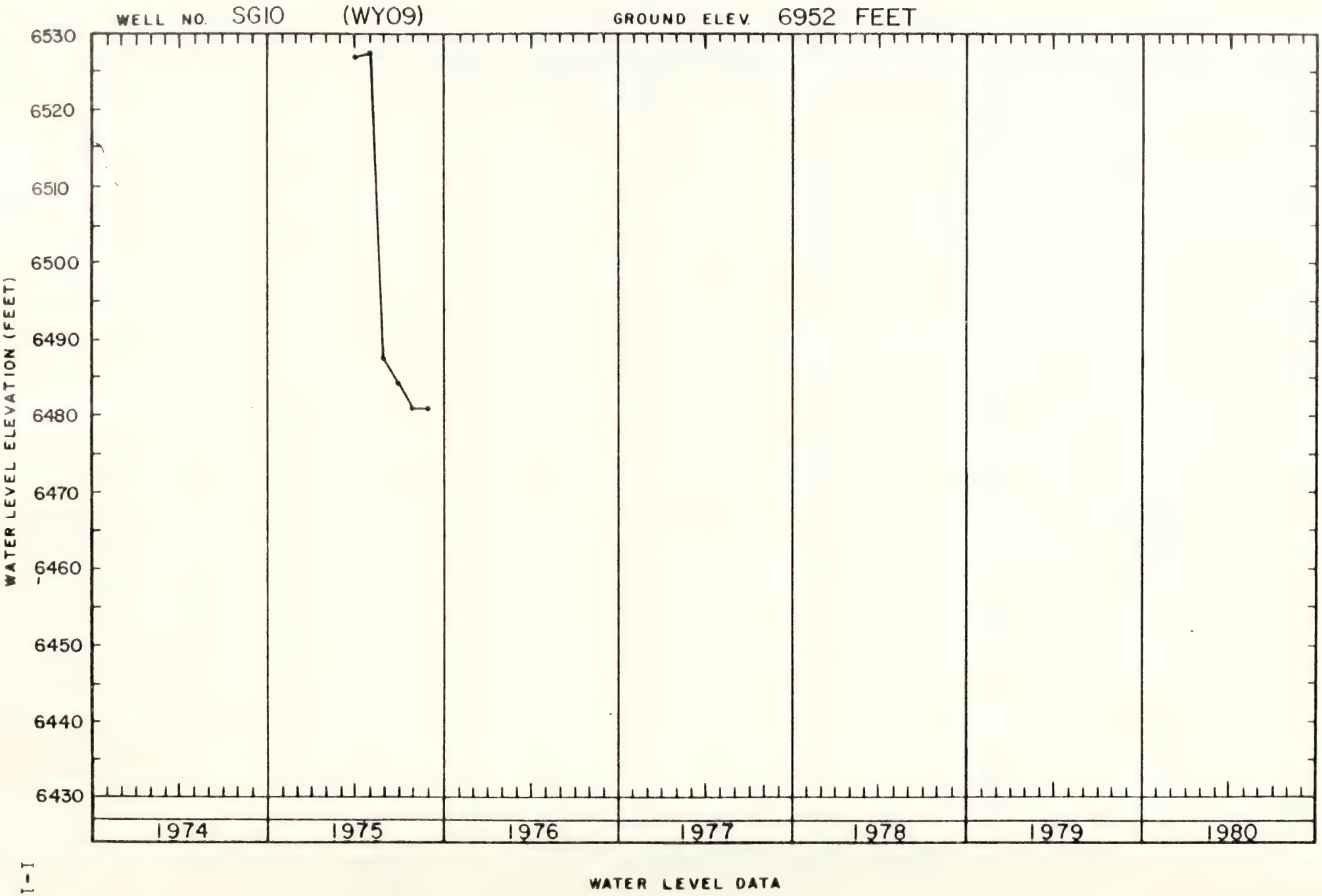
HAND PLOTS OF WATER LEVELS IN LOWER AQUIFER WELLS

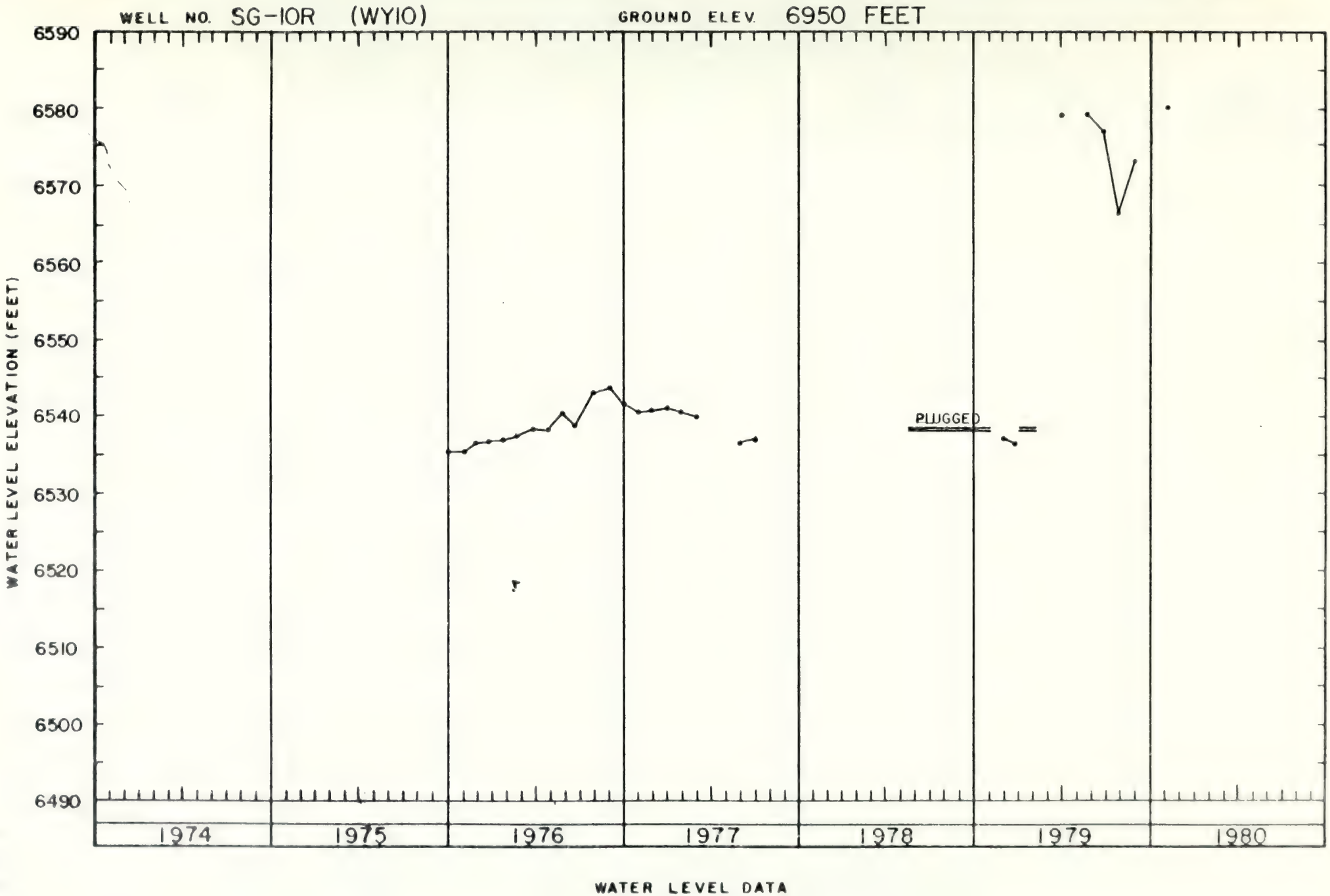
Well No.	Computer Code	Page No.
Cb-1	WY01	I-156
Cb-3	WY03	I-157
SG-10	WY09*	I-158
SG-10R	WY10**	I-159
SG-10	WG10	I-160
SG-1-1	WY12	I-161
SG-17-1R	WY17	I-162
AT-1	WY44	I-163
AT-1C-1	WY45	I-164
AT-1C-2	WY46	I-165
SG-11-1R	WY52	I-166
SG-11-2	WY54	I-167
SG-6-1	WY61	I-168
SG-6-2	WY62	I-169
SG-8	WY80	I-170
SG-8R	WY81	I-171
SG-9-1	WY91	I-172

* WY09 was recompleted and replaced by WY10 .
** WY10 was recompleted and replaced by WG10.

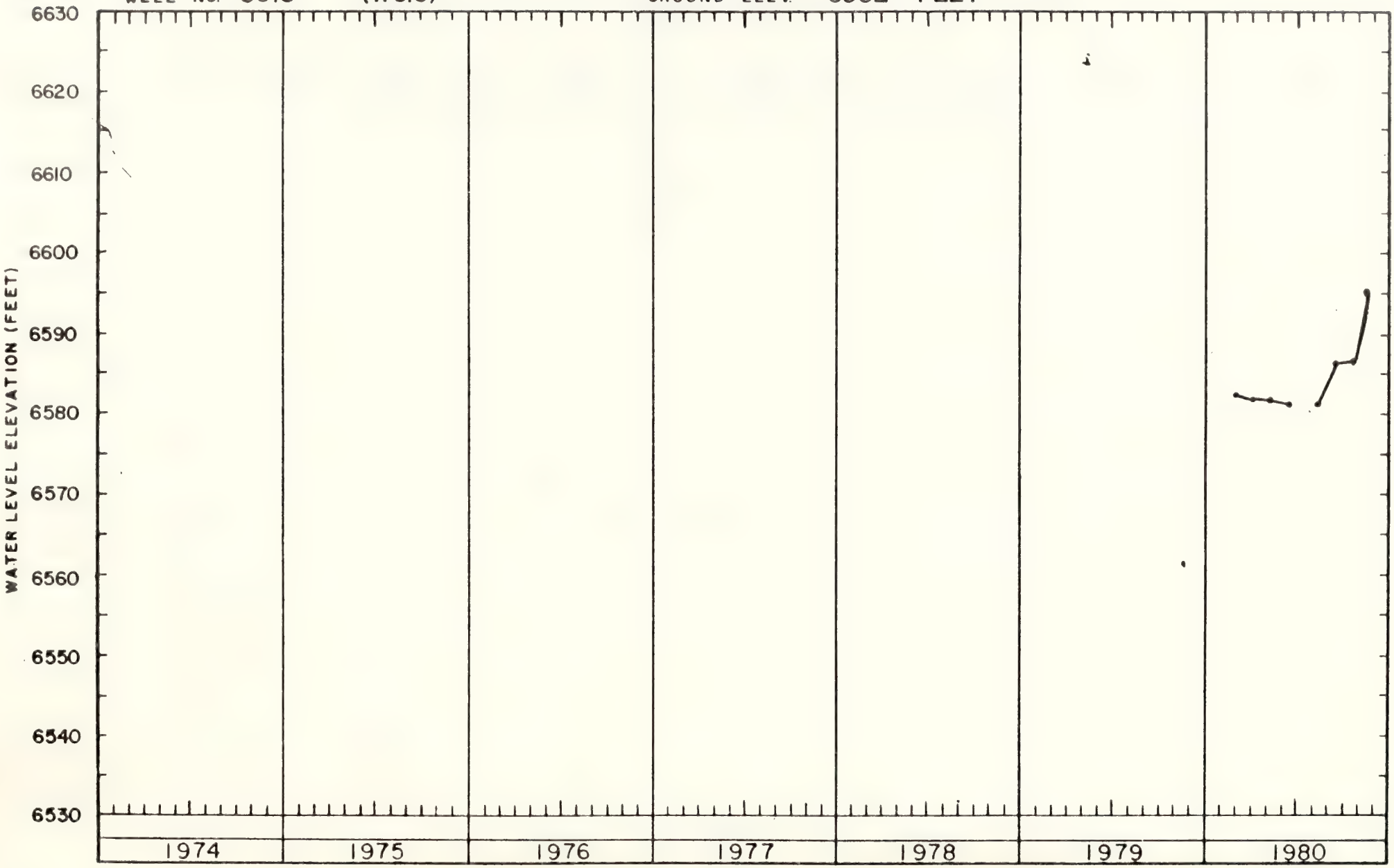

WELL NO. Cb-1 (WY01)
GROUND ELEV. 6760 FEET
WATER LEVEL ELEVATION (FEET)
6460
6450
6440
6430
6420
6410
6400
6390
6380
6370
6360
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA


WELL NO. Cb-3 (WY03)
GROUND ELEV. 6743 FEET
WATER LEVEL ELEVATION (FEET)
6420
6410
6400
6390
6380
6370
6360
6350
6340
6330
6320
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA

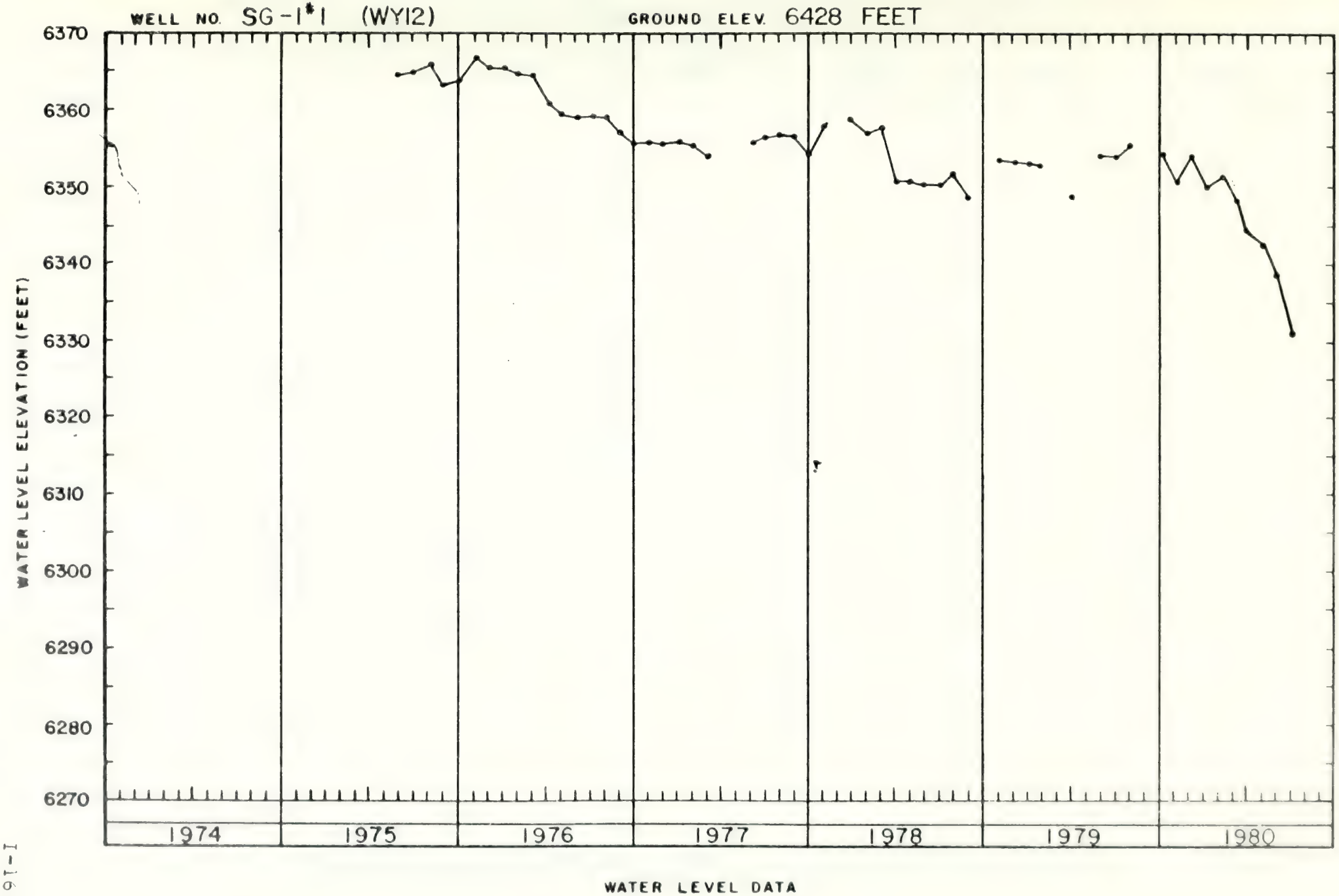

WELL NO. SG10 (WY09)
GROUND ELEV. 6952 FEET
6530
6520
6510
6500
6490
6480
6470
6460
6450
6440
6430
WATER LEVEL ELEVATION (FEET)
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA


WELL NO. SG-10R (WY10)
GROUND ELEV. 6950 FEET
WATER LEVEL ELEVATION (FEET)
6590
6580
6570
6560
6550
6540
6530
6520
6510
6500
6490
PLUGGED
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA

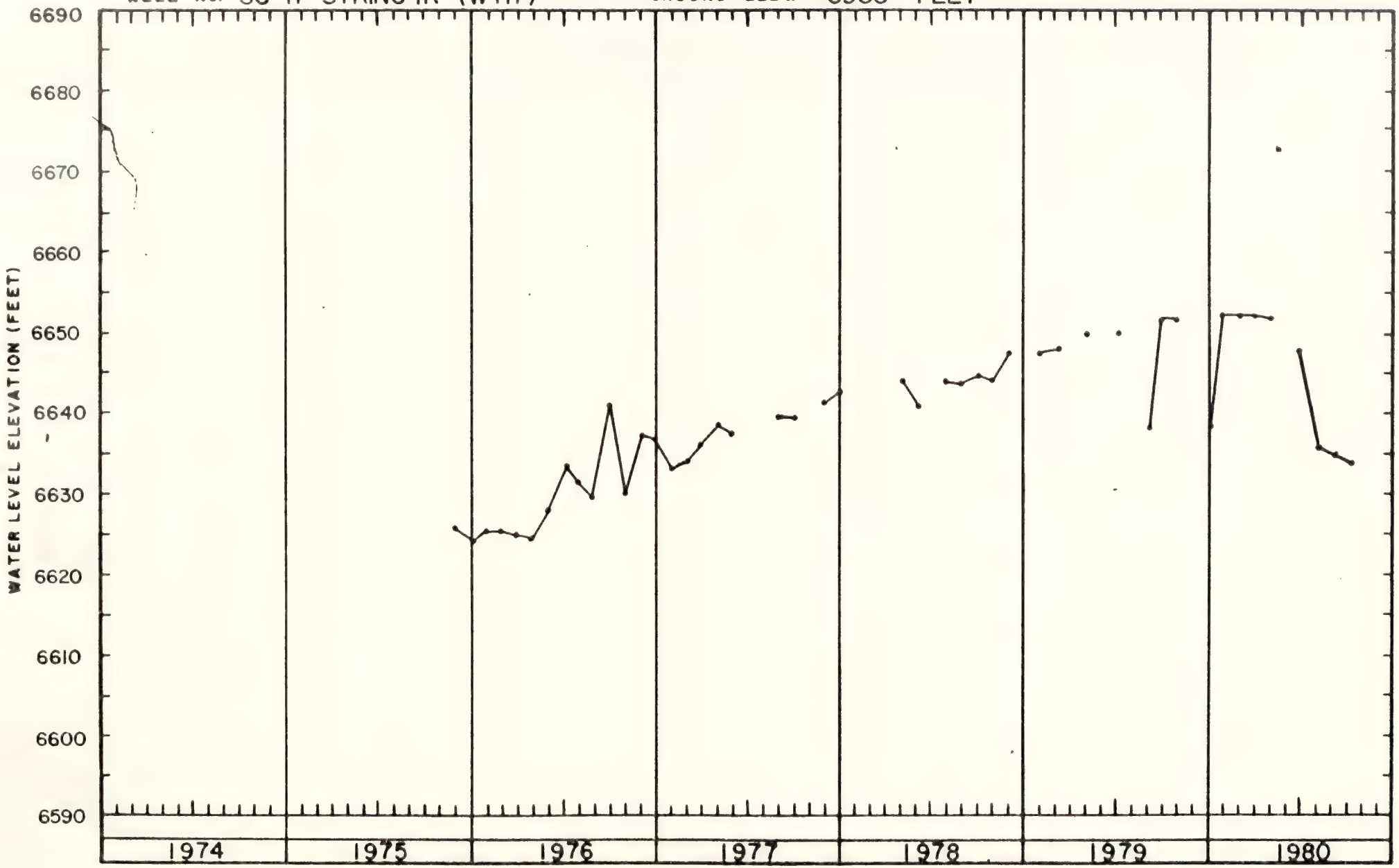
WELL NO. SG10 (WG10) GROUND ELEV. 6952 FEET



WATER LEVEL DATA

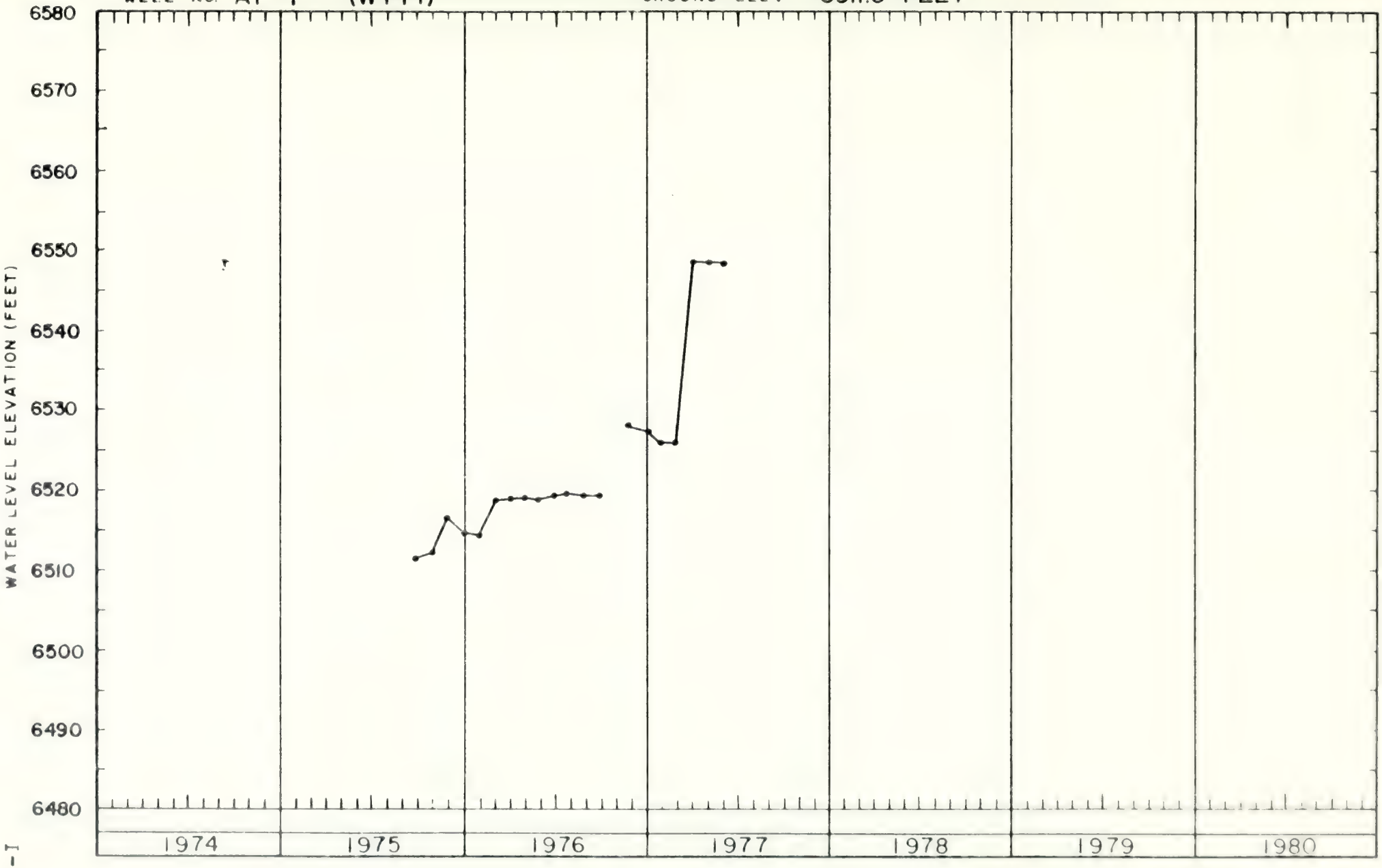

WELL NO. SG-1*1 (WY12)
GROUND ELEV. 6428 FEET
WATER LEVEL ELEVATION (FEET)
6370
6360
6350
6340
6330
6320
6310
6300
6290
6280
6270
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA

WELL NO. SG-17-STRING IR (WY17) GROUND ELEV. 6905 FEET

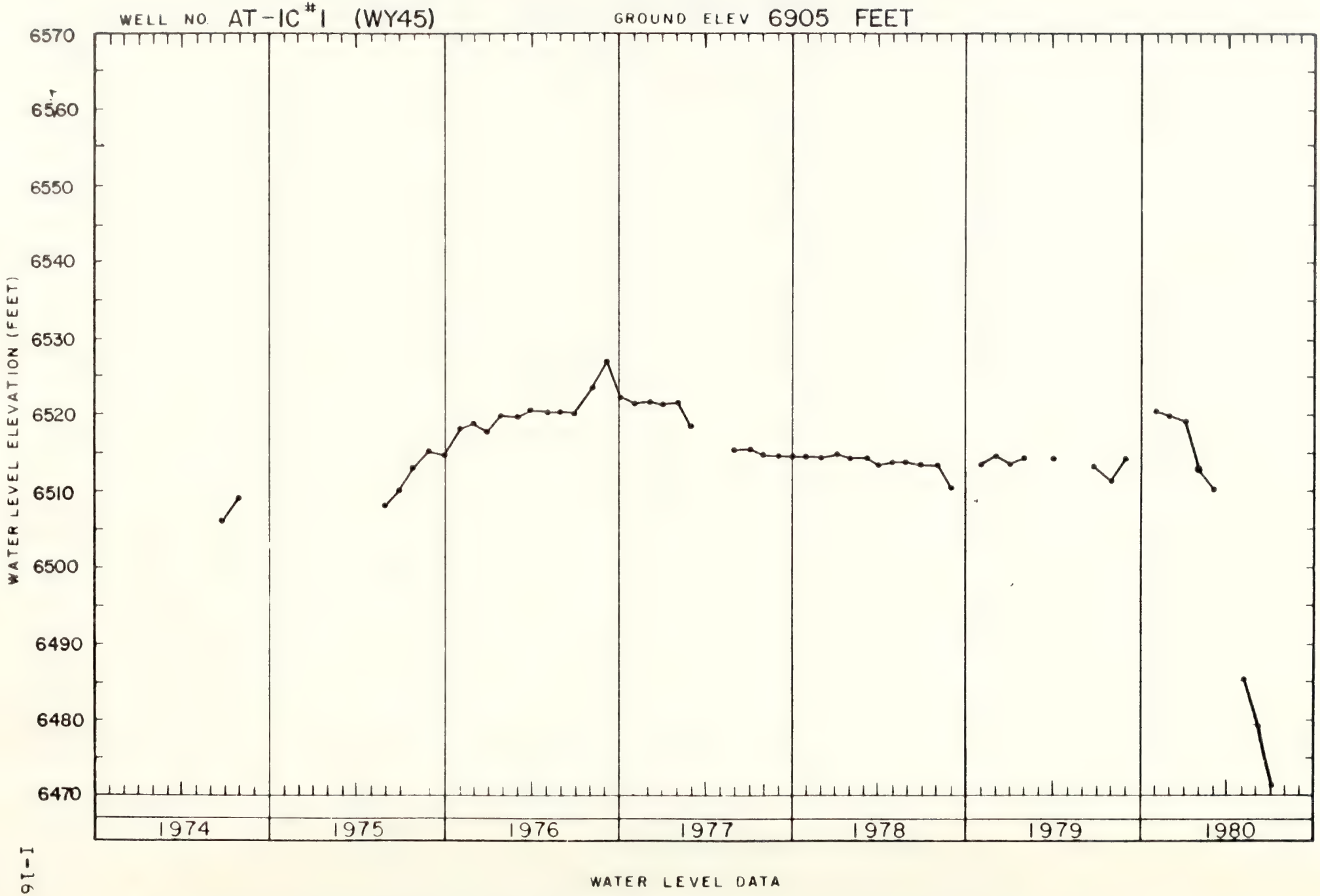


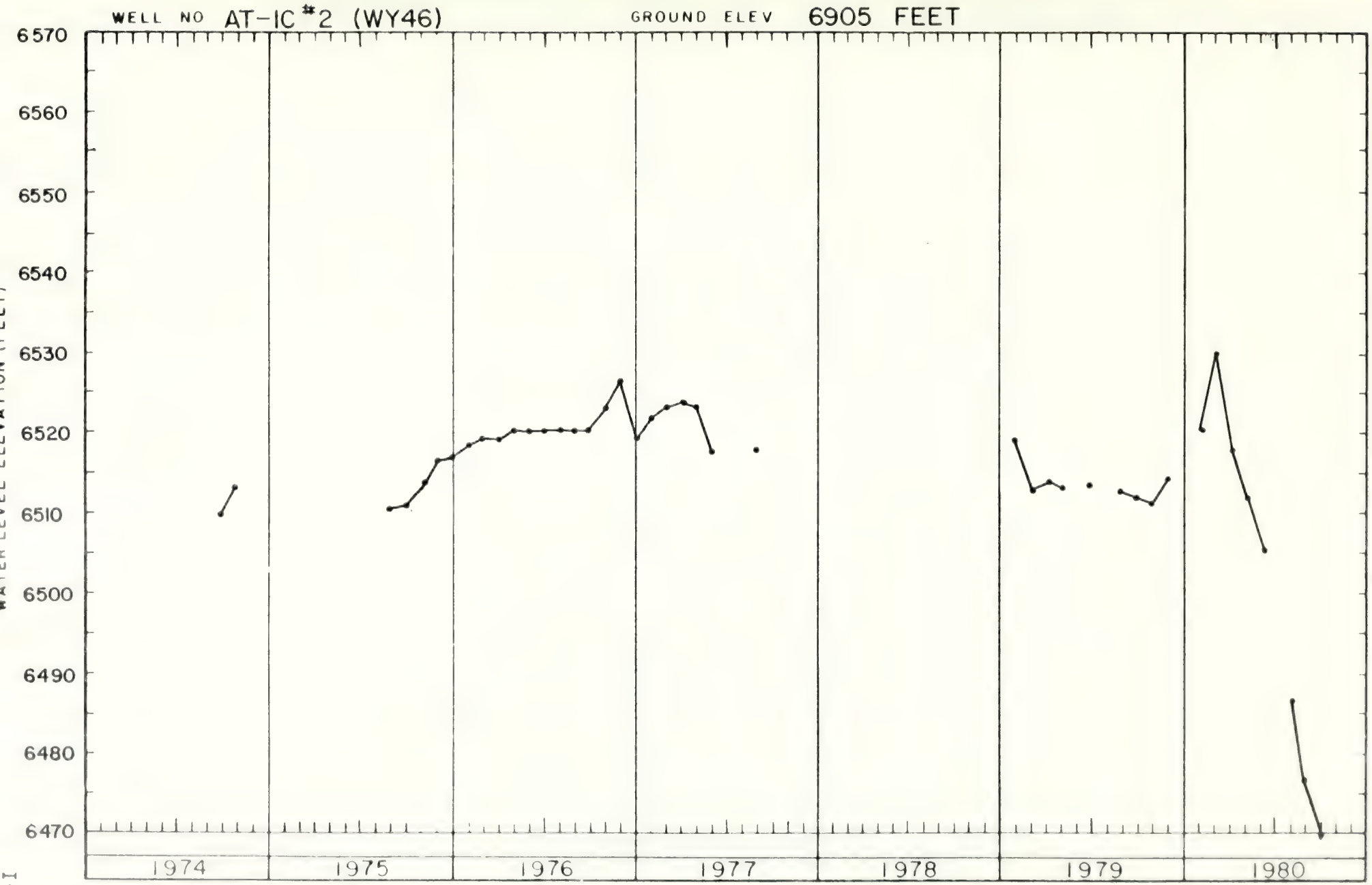
WATER LEVEL DATA

WELL NO. AT-1 (WY44) GROUND ELEV 6911.6 FEET

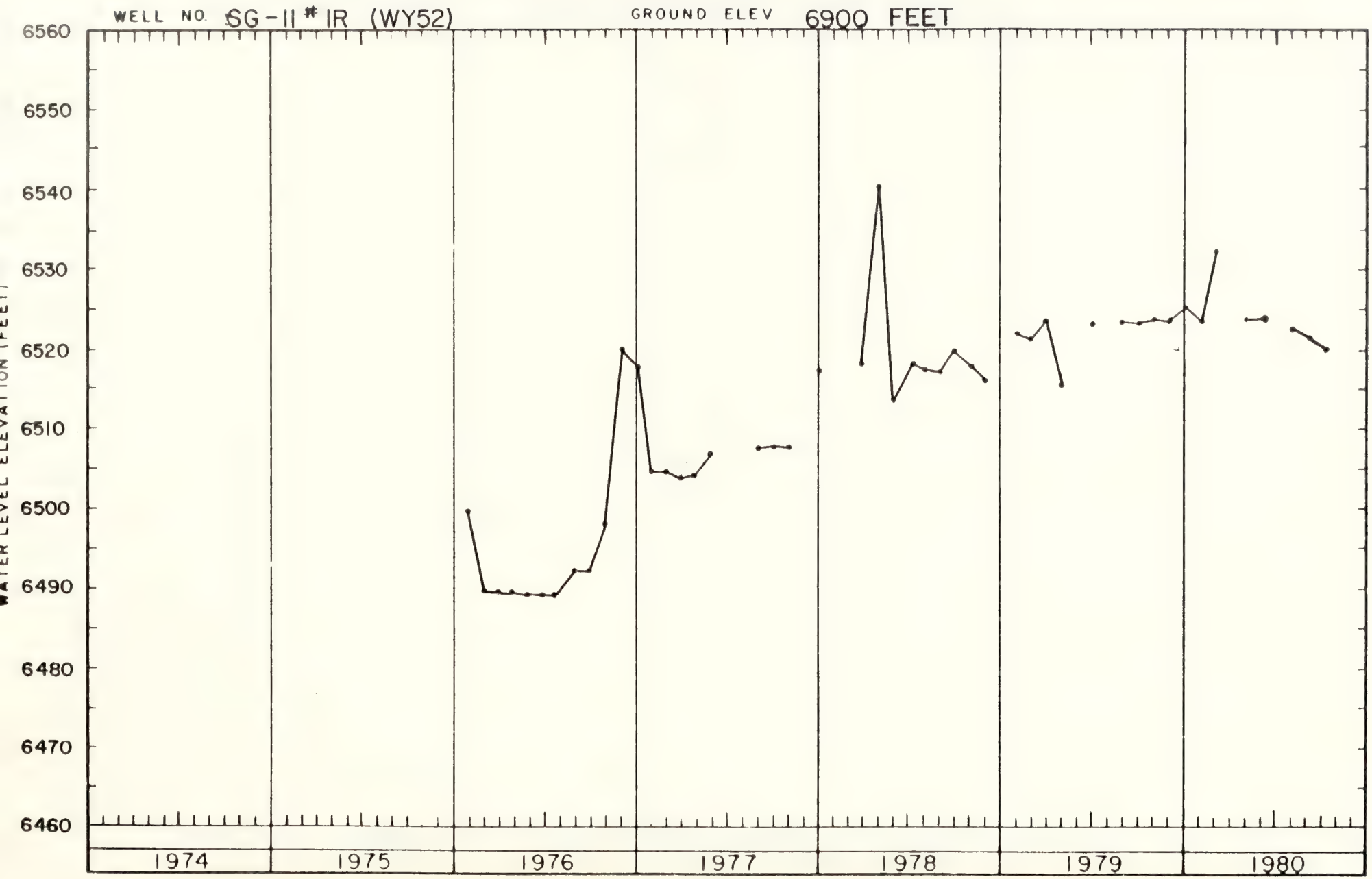


WATER LEVEL DATA

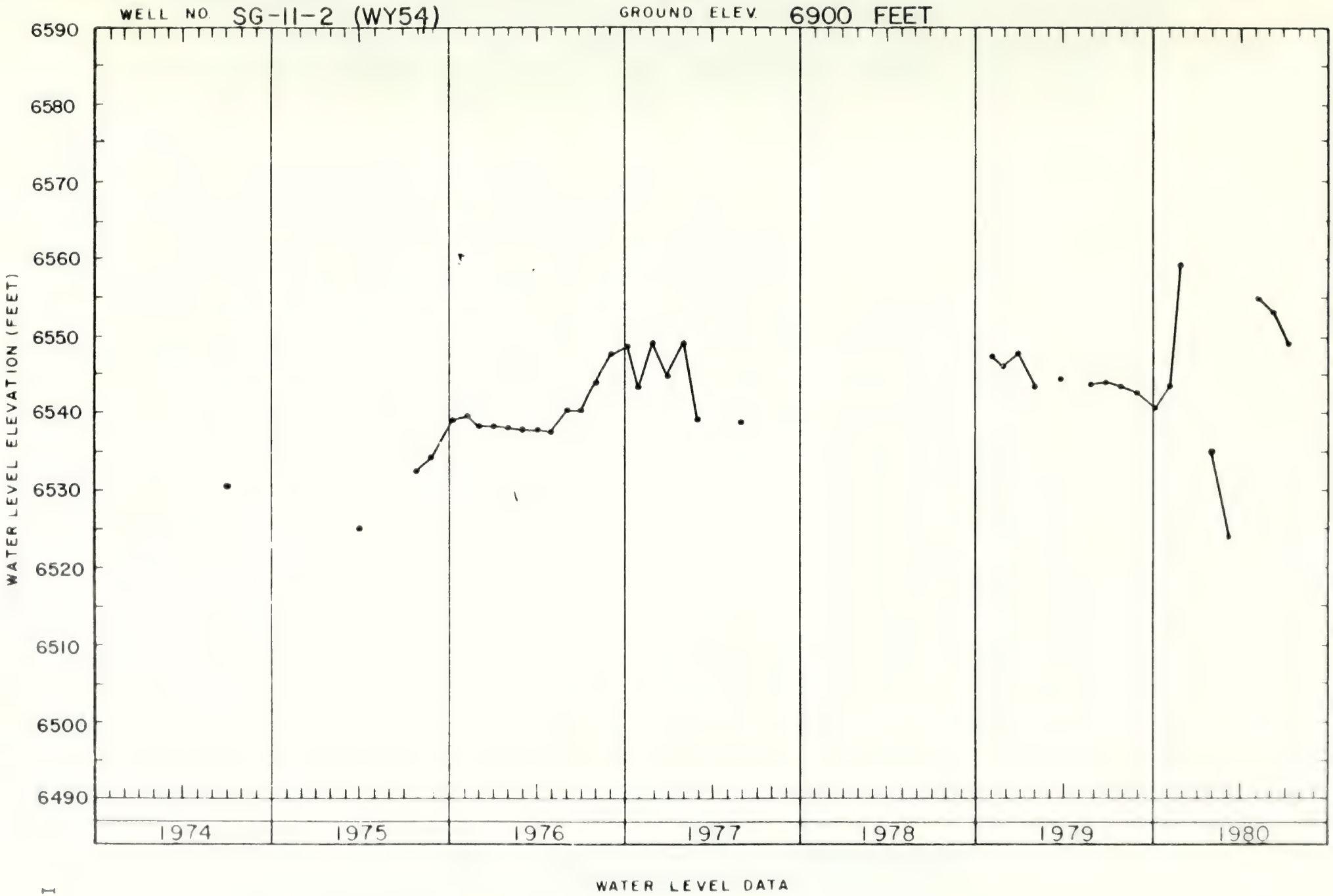

WELL NO. AT-IC #1 (WY45)
GROUND ELEV 6905 FEET
6570
6560
6550
6540
6530
6520
6510
6500
6490
6480
6470
WATER LEVEL ELEVATION (FEET)
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA

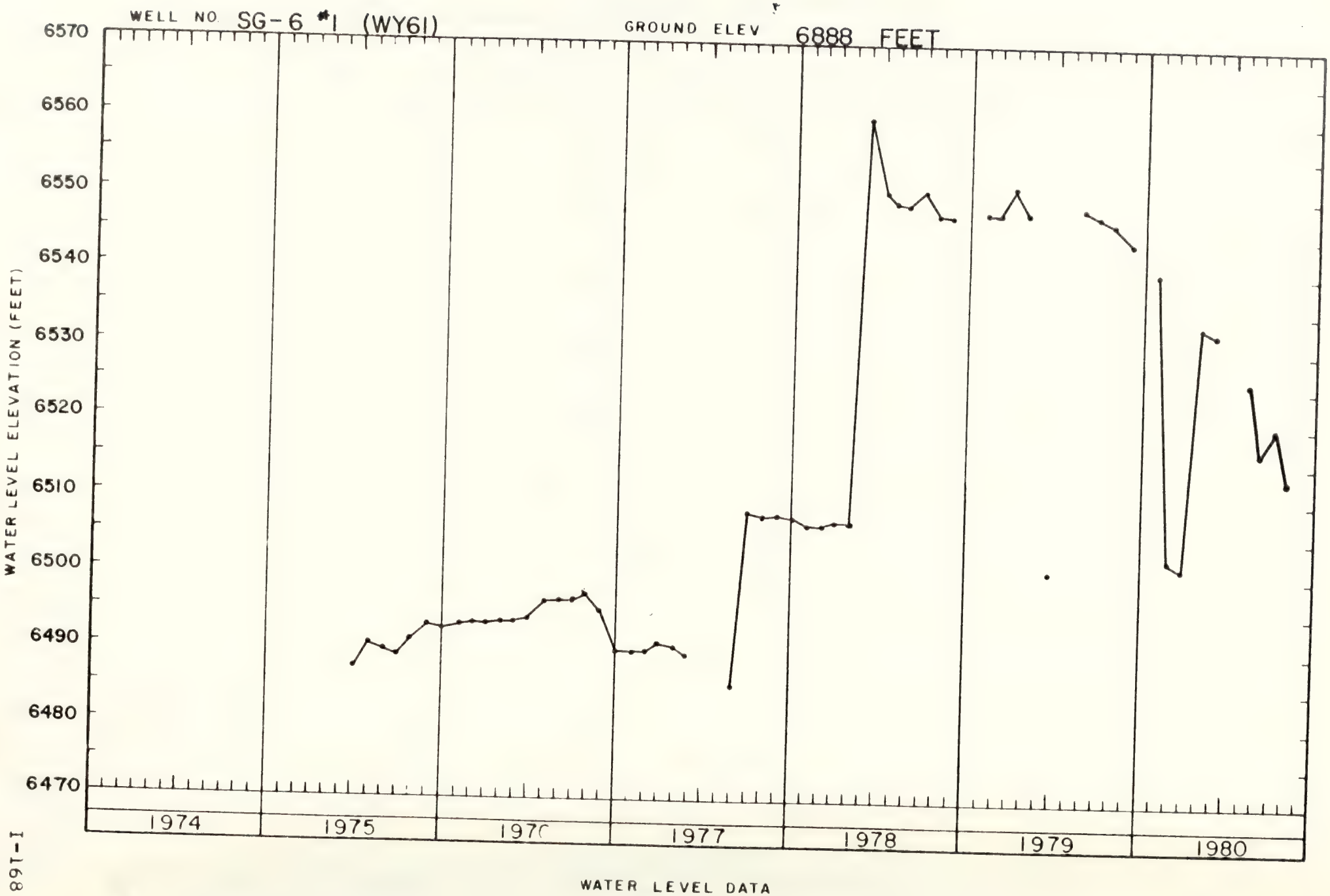


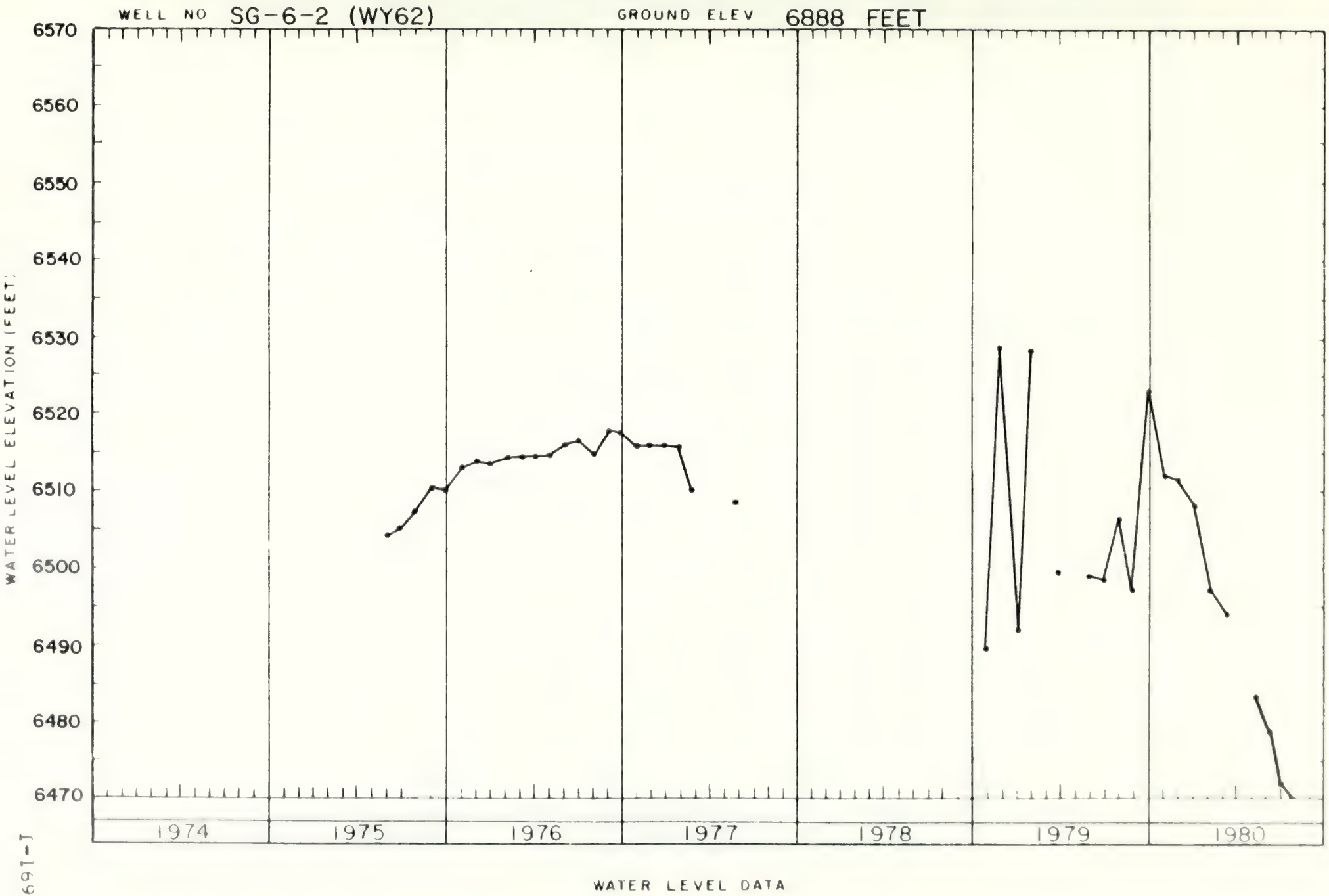
WATER LEVEL DATA

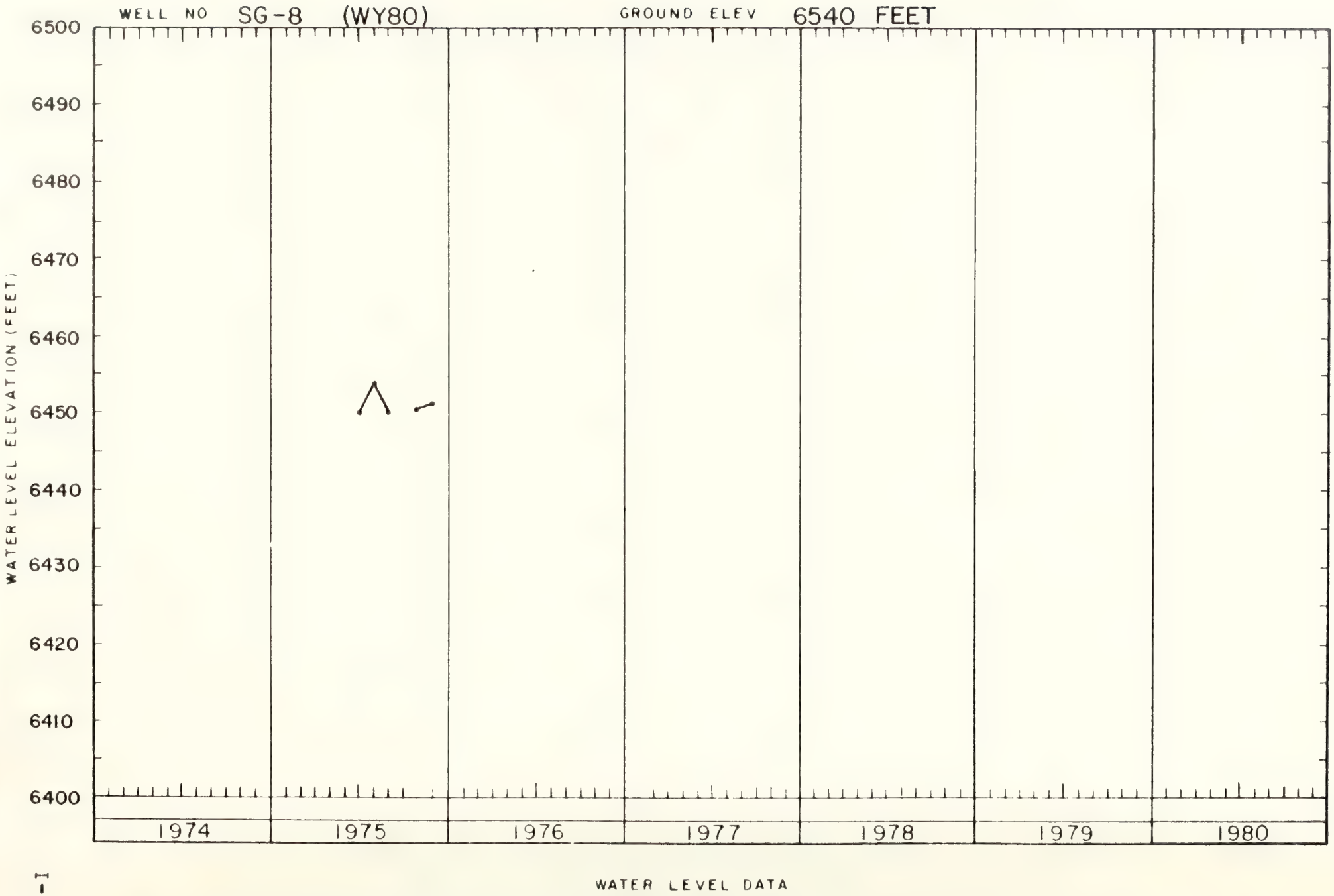


WATER LEVEL DATA

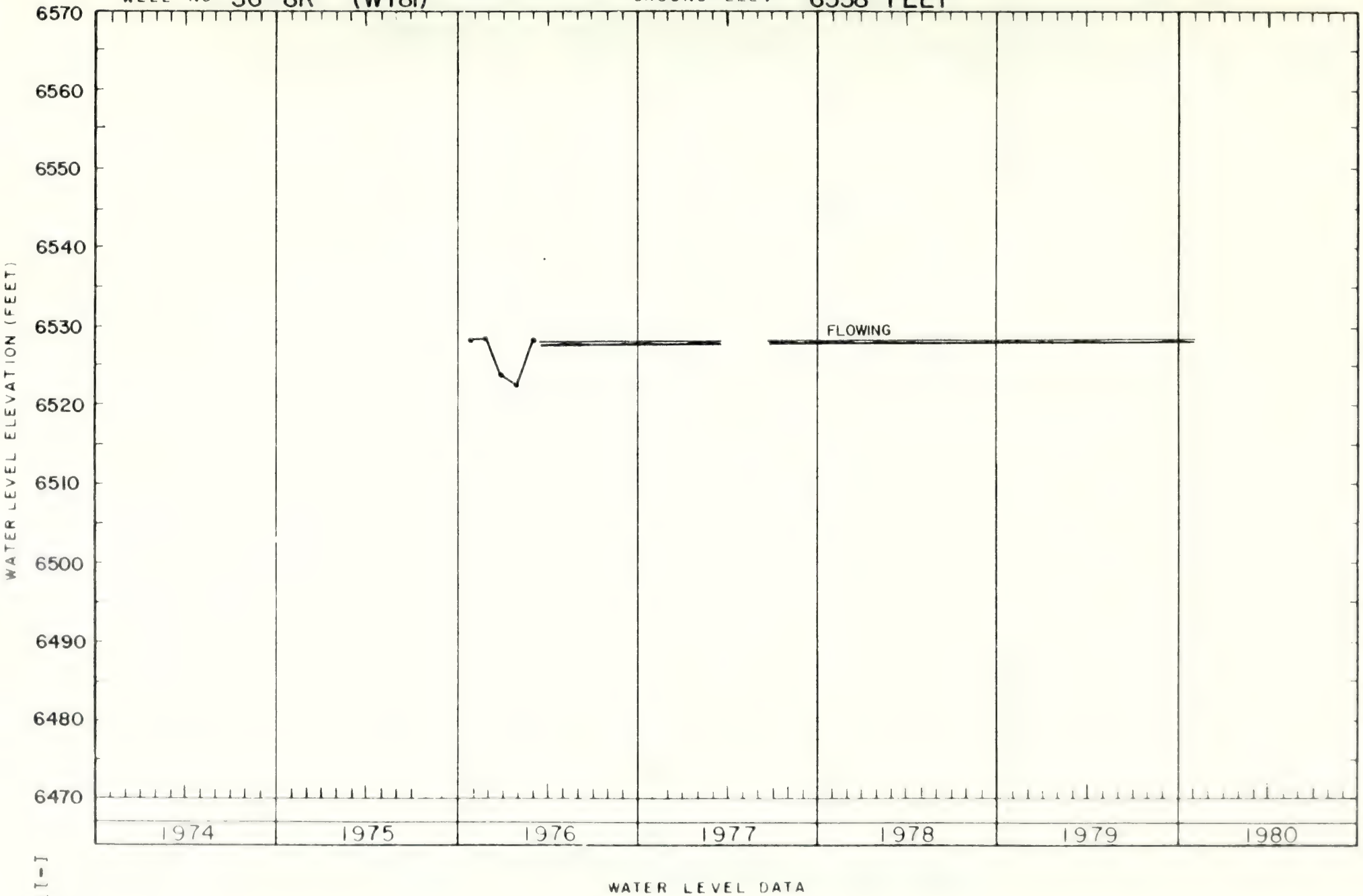

WELL NO. SG-11-2 (WY54)
GROUND ELEV. 6900 FEET
WATER LEVEL ELEVATION (FEET)
6590
6580
6570
6560
6550
6540
6530
6520
6510
6500
6490
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA


WELL NO. SG-6 #1 (WY61)
GROUND ELEV 6888 FEET
WATER LEVEL ELEVATION (FEET)
6570
6560
6550
6540
6530
6520
6510
6500
6490
6480
6470
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA


WELL NO SG-6-2 (WY62)
GROUND ELEV 6888 FEET
6570
6560
6550
6540
6530
6520
6510
6500
6490
6480
6470
WATER LEVEL ELEVATION (FEET)
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA


WELL NO SG-8 (WY80)
GROUND ELEV 6540 FEET
6500
6490
6480
6470
6460
6450
6440
6430
6420
6410
6400
WATER LEVEL ELEVATION (FEET)
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA

WELL NO SG-8R (WY81) GROUND ELEV 6538 FEET



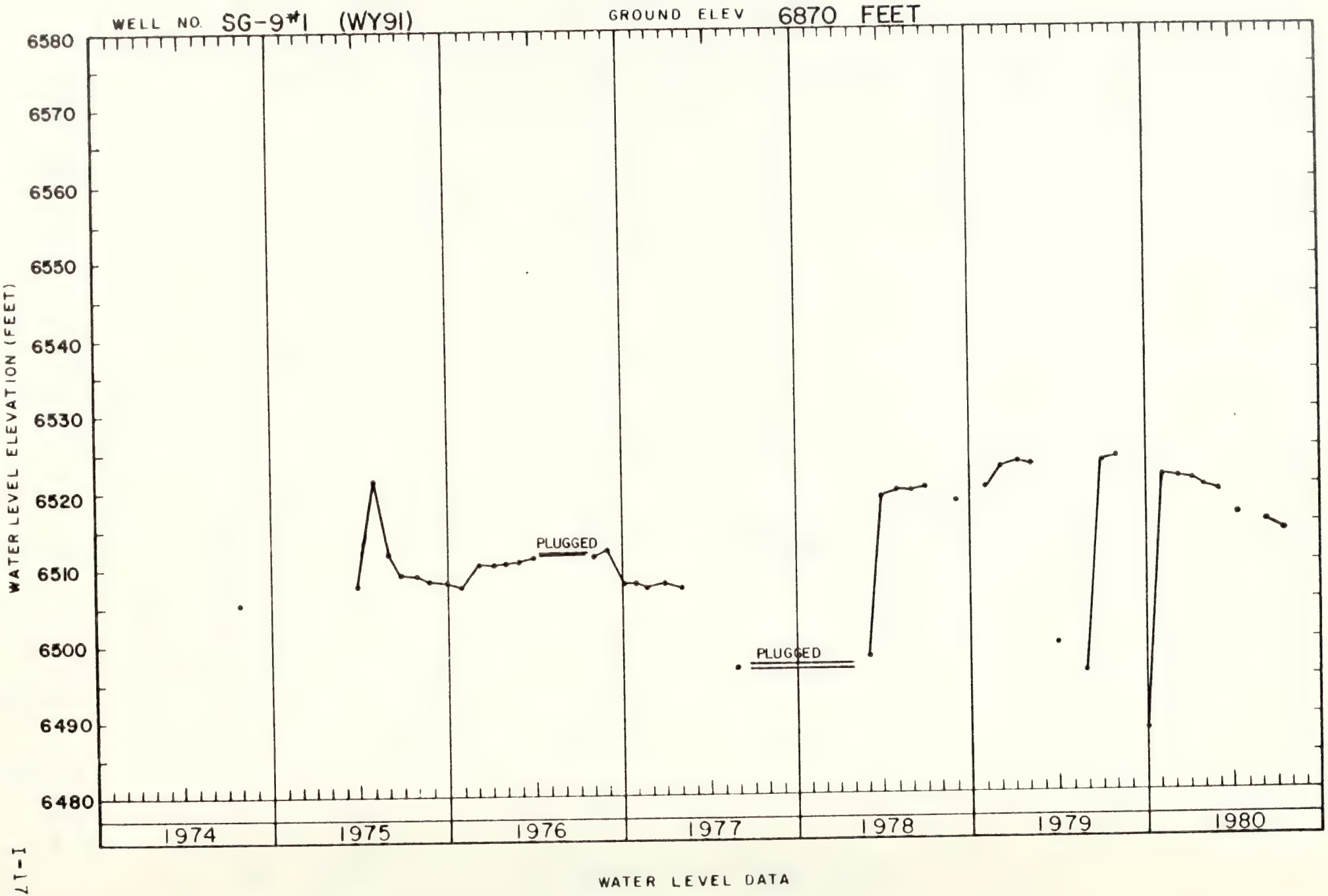

WELL NO. SG-9#1 (WY91)
GROUND ELEV 6870 FEET
WATER LEVEL ELEVATION (FEET)
6580
6570
6560
6550
6540
6530
6520
6510
6500
6490
6480
PLUGGED
PLUGGED
1974
1975
1976
1977
1978
1979
1980
WATER LEVEL DATA

TABLE 2.2.1.5-3

STEVENS RECORDER DAILY WATER LEVELS
FOR LOWER AQUIFER WELLS

Well No.	Computer Code	Page No.
SG-1-1	WY12	I-174
SG-17-1R	WY17	I-175
SG-9-1	WY91	I-176
SG-10		I-177

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WY12 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				75.47	78.17		84.49	87.97	94.47	104.55		
2				75.59	78.32		84.55	88.09	94.79	104.94		
3				75.75	78.41		84.60	88.14	95.04	105.29		
4				75.80	78.51		84.71	88.26	95.64	105.55		
5				75.79	78.60		84.84	88.37	96.03	105.89		
6				75.83	78.66		84.87	88.54	96.31	106.28		
7				76.06	78.77		84.88	88.65	96.65	106.56		
8				76.17	78.84		84.90	88.75	97.03	106.89		
9				76.17	78.86		85.37	88.88	97.04	107.22		
10			74.66	76.19	79.01		85.48	88.88	97.50	107.56		
11			74.64	76.36	79.13		85.59	88.89	97.85			
12			74.75	76.47	79.35		85.67	88.89	97.96			
13			74.78	76.53	79.45		85.80	89.41	97.98			
14			74.78	76.53	79.48		85.91	89.41	98.39			
15			74.73	76.64	79.62		86.07	89.81	98.89			
16			74.90	76.82	79.73		86.14	90.01	99.23			
17			74.98	76.91	79.97		86.22	90.20	99.64			
18			74.90	76.95	80.08		86.28	90.32	99.97			
19			74.91	77.02	80.20		86.44	90.61	100.28			
20			75.01	77.04	80.31		86.61	90.80	100.56			
21			74.95	77.12	80.48		86.75	91.02	101.02			
22			74.92	77.15	80.49		86.85	91.04	101.53			
23			75.06	77.26	80.54		86.88	91.65	101.86			
24			75.06	77.34	80.63		86.89	91.87	102.22			
25			75.09	77.50	80.88		86.90	92.17	102.56			
26			75.18	77.69	81.00		87.31	92.49	102.92			
27			75.19	77.81	81.12		87.43	92.67	103.22			
28			75.37	77.86	81.23		87.55	93.03	103.53			
29			75.44	77.86	81.39		87.70	93.04	103.90			
30			75.41	77.97	81.40	84.40	87.82	93.70	104.27			
31			75.40				87.90	94.13				
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WY17 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1		401.54										
2												
3												
4												
5												
6												
7				Steven's recorder instrument removed								
8				March 7, 1980								
9												
10												
11	PLUGGED											
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23	401.58											
24	401.54											
25												
26		401.54										
27												
28												
29												
30												
31	401.54											
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WY91 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1		382.17										
2												
3												
4												
5												
6												
7	381.35											
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19		382.17										
20		382.16										
21	381.35											
22	RF											
23	RF											
24	RF	382.16										
25	382.19	382.17										
26	382.17											
27												
28												
29												
30												
31	382.17											
AVG.												

PLUGGED

DATA MISSING

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: SG - 10 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1											349.81	347.70
2											349.81	347.70
3											349.79	347.70
4											349.79	347.70
5											349.73	347.69
6											349.73	347.69
7											349.75	347.69
8											349.75	347.69
9											349.75	347.69
10											349.75	
11											348.75	
12											348.75	
13											348.72	
14											348.72	
15											347.98	
16										355.78	347.98	
17										355.79	347.98	
18										355.80	347.79	
19										355.78	347.80	
20										355.86	347.80	
21										351.74	347.80	
22										351.45	347.80	
23										351.22	347.80	
24										351.20	347.80	
25										351.00	347.80	
26										350.37	347.80	
27										350.28	347.80	
28										350.29	347.70	
29										350.29	347.70	
30										350.29	347.70	
31										350.18		
AVG.												

TABLE 2.2.1.5-4

CB-TRACT
WATER LEVELS IN LOWER AQUIFER WELLS
REQUIRED BY WATER AUGMENTATION PLAN
FOR SAMPLE DATE SHOWN

WELL ID - MEASURING POINT ELEVATION (FT)

		WY64	WY65	WY66	WY67	WY68	WY69	WY70	WY71	WY72	WY75	WY76	WY77	WY78	WY79
		7178	6390	6286	6740	6840	7350	7070	6580	6805	6820	6865	7777	7145	7020
YR	MO	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)
80	1	6444	6313	FLWING	6235	6510	6886	NS	6574	6774	6770	FLWING	FLWING	7077	NS
	2	6444	6313	FLWING	6235	6509	6885	6946	6574	6774	6770	FLWING	FLWING	7077	6675
	3	6444	6313	FLWING	6235	6509	6885	6950	6574	6774	6770	FLWING	FLWING	7077	PUMP
	4	6443	6312	FLWING	6235	6509	6885	6948	6573	6773	6770	FLWING	FLWING	7077	
	5	6443	6311	FLWING	6235	6509	6886	6951	6573	6773	6771	FLWING	FLWING	7077	PUMP
	6	6442	6311	6282	6235	6508	6885	6951	6573	6774	6771	6859	FLWING	7077	PUMP
	7	6441	6311	6282	6235	6508	6885	6952	6573	6775	6770	6858	FLWING	7078	INACCS
	8	6442	6311	6282	6235	6508	6885	6952	6573	6775	6770	6858	FLWING	7078	INACCS
	9	6443	6311	6282	6235	6507	6885	6953	6573	6777	6770	6858	FLWING	7079	INACCS
	10	6442	6311	6282	6235	6507	6885	6953	6573	6777	6769	6859	FLWING	7080	
	11	6442	6312	6282	6235	6506	6885	6955	6572	6777	6770	6859	FLWNG	7081	

PLUGGD = WELL PLUGGED
DRY = WELL DRY
FLWING = WELL FLOWING
INACCS = WELL INACCESSABLE

2.2.1.6 Impoundments/Discharges/NPDES/Reinjection

Flow data for this reporting period is presented with the water quality tables in Section 2.2.2.6 in Tables 2.2.2.6-1 (weekly), 2.2.2.6-2 (monthly) and 2.2.2.6-3 (semi-annual) for the A/B discharge point (WN40).

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2.2.1.7 Shale Dumps

Three raw oil shale lysimeters were constructed in November and December 1980. Each of the lysimeters has a collecting surface area measuring 10' X 10'. The three collectors were covered with raw oil shale mined from the Intermediate Void Level of the Production Shaft and the Upper Void Level of the Ventilation/Escape Shaft to depths of 10, 15, and 20 feet. The three collectors are constructed entirely of teflon components to minimize contamination. (Figure 2.2.1.7-1).

No leachate data were collected from the lysimeters during 1980. The leachates will come from precipitation which falls on the raw shale piled on top of the collector and percolates (leaches) through the raw shale to the collectors.

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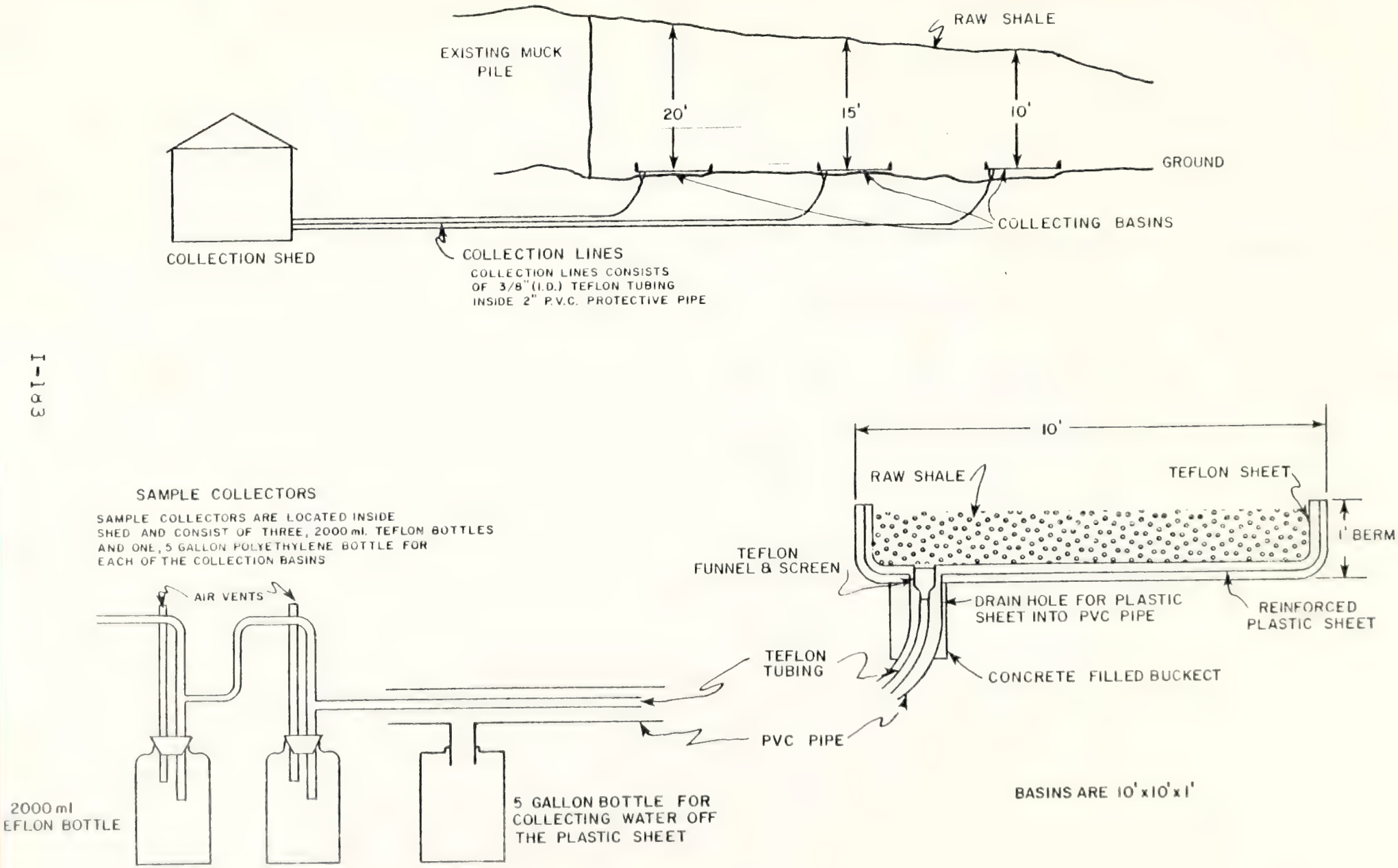
RAW SHALE LEACHATE STUDY SITE

FIGURE 2.2.1.7-1



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2.2.2 Water Quality

This section presents water quality data of surface streams, springs and seeps, alluvial and bedrock wells, impoundments, shaft mine water, shale dumps and sediments. Stations required under the Development Monitoring Plan (DMP), the Water Augmentation Plan (WAP), and NPDES are identified within each subsection.

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2.2.2.1 Surface Streams

This section contains field measurement and water quality data collected from the USGS stream gauging network, Figure 2.2.1.1-1. The index to water data presented is shown in Table 2.2.2.1-1 and field measurement and water quality data are presented in Table 2.2.2.1-2 and Table 2.2.2.1-3. Remark codes used in the USGS water quality data tables are shown in Table 2.2.2.1-4.

An attempt has been made to refer to all stations by their four-digit computer station codes. For additional information on these codes refer to Section 4.0.

TABLE 2.2.2.1-1

SURFACE WATER DATA PRESENTED
ENVIRONMENTAL MONITORING REPORT

Stations	Daily Discharge (Flow)	Daily Mean Sediment & Discharge Data	Daily Dissolved Oxygen	Daily pH Readings	Daily Specific Conductance	Daily Temperature	Water Quality Data
09304800 (WU48)	(ND)				X	X	X
09306007*(WU07)	X		X		X	X	X
09306015 (WU15)	X						
09306022*(WU22)	X		X	X	X	X	X
09306025 (WU25)	X				X	X	X
09306028 (WU28)	X				X	X	X
09306033 (WU33)	X				X	X	X
09306036 (WU36)	X				X	X	X
09306039 (WU39)	X				X	X	X
09306042 (WU42)	X				X	X	X
09306050 (WU50)	X				X	X	X
09306052 (WU52)	X				X	X	X
09306058*(WU58)	X		X	X	X	X	X
09306061*(WU61)	X		X	X	X	X	X
09306200 (WU00)	(ND)				X	X	X
09306222 (WU62)	(ND)				X	X	X
09306255 (WU55)	(ND)				X	X	X

*Major Station

(ND) = Data Not Available

TABLE 2.2.2.1-2

Index to USGS Gauging Stations Field Measurement Data

Station Designation	Computer Code	Page No.
09304800	WU48	I-193
09306007	WU07	I-199
09306022	WU22	I-211
09306025	WU25	I-223
09306028	WU28	I-229
09306033	WU33	I-235
09306036	WU36	I-241
09306039	WU39	I-247
09306042	WU42	I-253
09306050	WU50	I-259
09306052	WU52	I-265
09306058	WU58	I-271
09306061	WU61	I-283
09306200	WU00	I-295
09306222	WU62	I-301
09306255	WU55	I-307

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TABLE 2.2.2.1-3

Index to USGS Gauging Stations Water Quality Data

Station Designation	Computer Code	Page No.
09304800	WU48	I-313
09306007	WU07	I-319
09306022	WU22	I-325
09306025	WU25	I-331
09306028	WU28	I-337
09306033	WU33	I-343
09306036	WU36	I-349
09306039	WU39	I-355
09306042	WU42	I-361
09306050	WU50	I-367
09306052	WU52	I-373
09306058	WU58	I-379
09306061	WU61	I-385
09306200	WU00	I-391
09306222	WU62	I-397
09306255	WU55	I-403

TABLE 2.2.2.1-4

Remark Codes for USGS
Water Quality Data

CHARACTER	REMARK
E	Estimated Value
<	Actual value is known to be less than value shown
>	Actual value is known to be greater than value shown
M	Presence of material verified but not quantified
N	Presumptive evidence of presence of material
ND	Material specifically analyzed for but not detected
K	Results based on colony count outside the acceptable range (non-ideal coloy count)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09304800 WHITE RIVER BELOW MEEKER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400048 LONGITUDE 1080533 DRAINAGE AREA 1024.00 DATUM 5928.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---									
2	---	---	---									
3	---	---	---									
4	---	---	---									
5	---	---	---									
6	---	---	---									
7	---	---	---									
8	---	---	---									
9	---	---	---									
10	---	---	---									
11	---	---	---									
12	---	---	---									
13	---	---	---									
14	654	632	643									
15	655	630	645									
16	655	643	650									
17	652	641	648									
18	650	641	647									
19	650	630	641									
20	650	624	634									
21	684	618	651									
22	624	611	617									
23	627	609	618									
24	618	597	609									
25	603	593	599									
26	605	594	599									
27	596	593	595									
28	---	---	---									
29	---	---	---									
30	---	---	---									
31	---	---	---									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 15 12-29-80

STATION NUMBER 09304800 WHITE RIVER BELOW MEEKER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400048 LONGITUDE 1080533 DRAINAGE AREA 1024.00 DATUM 5928.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
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21												
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25												
26												
27												
28												
29												
30												
31												

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09304800 WHITE RIVER BELOW MEEKER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400048 LONGITUDE 1080533 DRAINAGE AREA 1024.00 DATUM 5928.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
YEAR	684	593	628									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09304800 WHITE RIVER BELOW MEEKER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400048 LONGITUDE 1080533 DRAINAGE AREA 1024.00 DATUM 5928.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---									
2	---	---	---									
3	---	---	---									
4	---	---	---									
5	---	---	---									
6	---	---	---									
7	---	---	---									
8	---	---	---									
9	---	---	---									
10	---	---	---									
11	---	---	---									
12	---	---	---									
13	---	---	---									
14	10.0	8.0	9.0									
15	12.0	7.0	9.5									
16	13.5	8.5	10.5									
17	11.0	7.0	9.0									
18	11.5	8.5	10.0									
19	13.0	9.0	10.5									
20	11.0	7.0	9.0									
21	7.5	5.5	6.5									
22	6.5	3.0	5.0									
23	8.0	3.5	6.0									
24	8.0	4.5	6.5									
25	9.0	4.5	7.0									
26	9.5	6.0	8.0									
27	9.0	6.0	7.5									
28	---	---	---									
29	---	---	---									
30	---	---	---									
31	---	---	---									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE TS 12-29-80

STATION NUMBER 09304800 WHITE RIVER BELOW MEEKER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400048 LONGITUDE 1080533 DRAINAGE AREA 1024.00 DATUM 5928.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
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23												
24												
25												
26												
27												
28												
29												
30												
31												

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09304800 WHITE RIVER BELOW MEEKER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400048 LONGITUDE 1080533 DRAINAGE AREA 1024.00 DATUM 5928.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
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17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
YEAR	13.5	3.0	8.0									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 1[illegible]/29-80

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.4	8.2	8.3	8.3	8.2	8.2	8.4	8.3	8.3	---	---	---
2	8.4	8.2	8.3	8.3	8.2	8.2	---	---	---	---	---	---
3	8.3	8.2	8.2	8.3	8.1	8.2	---	---	---	---	---	---
4	8.4	8.2	8.3	8.3	8.1	8.2	8.4	8.4	8.4	8.2	8.2	8.2
5	8.4	8.1	8.2	8.3	8.1	8.2	8.4	8.4	8.4	8.2	8.2	8.2
6	8.4	8.1	8.2	8.3	8.1	8.2	8.4	8.4	8.4	8.2	8.2	8.2
7	8.4	8.1	8.2	8.3	8.1	8.2	8.4	8.4	8.4	8.2	8.2	8.2
8	8.3	8.1	8.2	8.3	8.1	8.2	8.4	8.4	8.4	8.2	8.2	8.2
9	8.3	8.1	8.2	8.3	8.1	8.2	8.4	8.4	8.4	8.2	8.2	8.2
10	8.3	8.1	8.2	8.3	8.1	8.2	8.4	8.4	8.4	---	---	---
11	8.4	8.1	8.2	8.3	8.1	8.2	---	---	---	---	---	---
12	8.4	8.1	8.2	8.3	8.2	8.2	---	---	---	---	---	---
13	8.3	8.1	8.2	8.3	8.2	8.2	---	---	---	---	---	---
14	8.3	8.1	8.2	---	---	---	---	---	---	---	---	---
15	8.3	8.1	8.2	---	---	---	---	---	---	---	---	---
16	8.3	8.1	8.2	8.5	8.4	8.4	---	---	---	---	---	---
17	8.3	8.1	8.2	8.5	8.3	8.4	---	---	---	---	---	---
18	8.3	8.1	8.2	8.5	8.3	8.4	---	---	---	---	---	---
19	8.3	8.1	8.2	8.5	8.4	8.4	---	---	---	---	---	---
20	8.3	8.1	8.2	8.5	8.4	8.4	---	---	---	---	---	---
21	8.4	8.1	8.2	8.5	8.4	8.4	---	---	---	---	---	---
22	8.4	8.1	8.2	8.4	8.4	8.4	---	---	---	---	---	---
23	8.4	8.1	8.2	8.5	8.4	8.4	---	---	---	8.5	8.3	8.4
24	8.4	8.1	8.2	8.5	8.4	8.4	---	---	---	8.5	8.4	8.5
25	8.3	8.1	8.2	8.4	8.4	8.4	---	---	---	8.5	8.5	8.5
26	8.4	8.1	8.2	8.4	8.3	8.4	---	---	---	8.5	8.5	8.5
27	8.3	8.1	8.2	8.4	8.4	8.4	---	---	---	8.5	8.4	8.5
28	8.3	8.1	8.2	8.4	8.3	8.4	---	---	---	8.5	8.4	8.5
29	8.3	8.1	8.2	8.3	8.2	8.2	---	---	---	8.5	8.4	8.5
30	8.3	8.2	8.2	8.3	8.3	8.3	---	---	---	8.5	8.4	8.5
31	8.3	8.2	8.2	---	---	---	---	---	---	8.4	8.4	8.4

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 1/20-80

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

PH (STANDARD UNITS). WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.5	8.4	8.4	8.3	8.1	8.2	---	---	---	8.2	8.1	8.2
2	8.5	8.4	8.5	8.3	8.1	8.2	---	---	---	8.1	8.0	8.0
3	8.5	8.4	8.4	8.3	8.1	8.2	---	---	---	---	---	---
4	8.5	8.4	8.5	8.3	8.1	8.2	---	---	---	---	---	---
5	8.5	8.4	8.5	8.4	8.1	8.2	---	---	---	---	---	---
6	8.5	8.4	8.5	---	---	---	---	---	---	---	---	---
7	8.5	8.4	8.5	---	---	---	---	---	---	8.2	8.2	8.2
8	8.5	8.4	8.5	---	---	---	---	---	---	---	---	---
9	8.5	8.4	8.4	---	---	---	---	---	---	---	---	---
10	8.5	8.4	8.4	---	---	---	8.3	8.1	8.2	---	---	---
11	8.5	8.4	8.4	---	---	---	8.3	8.1	8.2	---	---	---
12	8.5	8.4	8.4	---	---	---	8.3	8.1	8.2	---	---	---
13	8.5	8.5	8.5	---	---	---	8.2	8.1	8.2	---	---	---
14	---	---	---	---	---	---	8.3	8.1	8.2	---	---	---
15	---	---	---	---	---	---	8.2	8.1	8.2	7.7	7.7	7.7
16	---	---	---	---	---	---	---	---	---	7.8	7.7	7.7
17	---	---	---	---	---	---	---	---	---	7.8	7.7	7.7
18	---	---	---	---	---	---	---	---	---	7.8	7.7	7.7
19	---	---	---	---	---	---	---	---	---	7.8	7.7	7.7
20	8.1	8.1	8.1	---	---	---	---	---	---	7.8	7.8	7.8
21	8.2	8.1	8.1	---	---	---	---	---	---	7.8	7.7	7.7
22	8.2	8.1	8.1	---	---	---	---	---	---	7.8	7.7	7.8
23	8.2	8.1	8.2	---	---	---	---	---	---	7.8	7.8	7.8
24	8.2	8.1	8.2	---	---	---	---	---	---	7.8	7.8	7.8
25	8.2	8.1	8.2	---	---	---	---	---	---	7.8	7.8	7.8
26	8.2	8.1	8.2	---	---	---	---	---	---	7.8	7.8	7.8
27	8.2	8.1	8.2	---	---	---	---	---	---	7.8	7.8	7.8
28	8.2	8.1	8.1	---	---	---	---	---	---	7.8	7.8	7.8
29	8.3	8.1	8.2	---	---	---	---	---	---	7.8	7.8	7.8
30	---	---	---	---	---	---	---	---	---	7.8	7.8	7.8
31	---	---	---	---	---	---	---	---	---	7.8	7.8	7.8

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.8	7.8	7.8	8.1	7.9	8.0	8.1	8.0	8.1			
2	7.8	7.8	7.8	8.0	7.8	7.9	8.2	8.1	8.1			
3	7.8	7.7	7.7	8.1	7.8	7.9	8.2	8.0	8.1			
4	8.0	8.0	8.0	8.0	7.8	7.9	8.1	8.0	8.1			
5	8.0	8.0	8.0	8.0	7.8	7.9	8.1	8.0	8.1			
6	8.0	7.9	8.0	8.0	7.8	7.9	8.1	8.0	8.1			
7	8.0	7.8	7.9	8.0	7.8	7.9	8.1	8.0	8.1			
8	7.9	7.8	7.8	8.1	7.8	7.9	8.1	8.0	8.1			
9	7.9	7.8	7.8	8.0	7.9	8.0	8.1	8.0	8.1			
10	7.9	7.8	7.9	8.0	7.9	7.9	8.1	8.0	8.0			
11	7.9	7.8	7.8	8.1	7.9	8.0	8.1	8.0	8.1			
12	7.9	7.8	7.8	8.1	7.9	8.0	8.0	8.0	8.0			
13	8.0	7.8	7.9	8.1	7.8	7.9	8.0	8.0	8.0			
14	8.0	7.9	7.9	8.1	7.8	8.0	8.1	7.9	8.0			
15	8.1	8.0	8.0	8.1	7.9	8.0	8.1	8.0	8.0			
16	8.1	7.9	8.0	7.9	7.7	7.8	8.0	7.9	8.0			
17	8.1	7.9	8.0	8.2	7.9	8.0	8.0	7.9	8.0			
18	8.1	8.0	8.1	8.3	7.9	8.1	8.0	7.9	8.0			
19	8.2	7.9	8.1	8.3	7.9	8.1	8.0	7.9	8.0			
20	8.2	8.0	8.1	8.3	8.0	8.1	8.0	7.9	8.0			
21	---	---	---	8.2	8.0	8.1	8.0	7.9	7.9			
22	---	---	---	8.3	7.8	8.1	---	---	---			
23	---	---	---	8.2	7.8	8.0	---	---	---			
24	---	---	---	8.2	7.9	8.1	---	---	---			
25	---	---	---	8.3	8.0	8.1	---	---	---			
26	8.1	7.9	8.0	8.2	8.0	8.1	---	---	---			
27	8.1	7.9	8.0	8.3	8.0	8.1	---	---	---			
28	8.0	7.9	7.9	8.3	8.0	8.1	---	---	---			
29	8.1	7.9	8.0	8.2	8.0	8.1	---	---	---			
30	8.1	7.9	8.0	8.2	8.0	8.1	---	---	---			
31	---	---	---	8.2	8.0	8.1	---	---	---			
YEAR	8.5	7.7	8.1									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 15 -29-80

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	9.7	7.0	8.3	10.9	9.0	10.0				---	---	---
2	9.8	7.1	8.4	10.7	8.9	9.8				---	---	---
3	9.7	7.2	8.3	10.5	8.8	9.7				---	---	---
4	9.9	7.3	8.6	10.2	8.6	9.4				10.0	9.2	9.7
5	10.1	7.3	8.6	10.4	8.6	9.4				10.4	9.4	9.9
6	10.1	7.1	8.6	10.4	8.5	9.5				10.2	9.6	9.9
7	10.0	7.0	8.4	10.0	8.5	9.2				10.3	9.4	9.9
8	10.1	7.0	8.4	10.0	8.6	9.2				10.5	9.6	10.1
9	10.1	7.3	8.5	10.3	8.6	9.3				10.7	9.8	10.2
10	10.1	7.3	8.6	10.5	8.7	9.5				---	---	---
11	9.9	7.2	8.6	10.5	9.0	9.6				---	---	---
12	10.1	7.2	8.6	10.8	9.1	9.9				---	---	---
13	9.8	7.2	8.4	10.8	9.0	9.8				---	---	---
14	9.9	7.7	8.6	---	---	---				---	---	---
15	9.7	7.1	8.3	---	---	---				---	---	---
16	9.5	7.2	8.1	11.2	9.3	10.2				---	---	---
17	10.2	7.7	8.6	11.1	9.1	.0				---	---	---
18	9.6	7.5	8.4	10.1	9.0	9.4				---	---	---
19	9.6	7.4	8.3	10.5	9.6	10.0				---	---	---
20	9.3	7.8	8.7	10.7	9.3	10.0				---	---	---
21	10.1	8.6	9.2	11.0	9.7	10.3				---	---	---
22	10.4	8.4	9.4	10.8	8.9	10.3				---	---	---
23	10.2	8.1	9.1	10.7	9.5	10.1				11.4	10.8	11.2
24	10.2	8.2	9.2	10.5	9.3	9.8				11.3	10.0	10.8
25	10.1	8.0	9.0	10.1	9.3	9.6				10.8	9.6	10.4
26	9.9	8.0	8.9	10.0	9.3	9.6				11.1	10.2	10.6
27	10.3	8.3	9.2	10.7	9.8	10.2				11.2	9.9	10.6
28	10.5	8.4	9.4	10.7	9.5	10.1				10.9	10.5	10.8
29	10.3	8.8	9.4	---	---	---				10.8	9.5	10.2
30	10.3	9.0	9.7	---	---	---				11.1	10.3	10.7
31	10.8	9.1	9.9	---	---	---				11.0	10.6	10.9

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.1	9.9	10.6	10.7	8.7	9.8	---	---	---	8.7	7.6	8.0
2	10.9	9.8	10.3	11.1	9.6	10.4	---	---	---	---	---	---
3	10.6	9.5	10.0	10.4	9.2	9.9	---	---	---	---	---	---
4	10.5	9.4	10.0	10.4	9.1	9.8	---	---	---	---	---	---
5	11.1	9.8	10.6	10.7	9.1	9.9	---	---	---	---	---	---
6	10.8	9.6	10.2	---	---	---	---	---	---	---	---	---
7	10.6	9.6	10.1	---	---	---	---	---	---	8.4	8.0	8.2
8	11.1	10.4	10.8	---	---	---	---	---	---	---	---	---
9	10.9	10.5	10.8	---	---	---	---	---	---	---	---	---
10	10.8	10.5	10.6	---	---	---	10.0	8.2	9.0	---	---	---
11	10.8	10.2	10.5	---	---	---	10.4	8.3	9.3	---	---	---
12	10.8	9.8	10.4	---	---	---	10.6	8.1	9.4	---	---	---
13	10.6	10.3	10.5	---	---	---	10.6	7.6	9.2	---	---	---
14	---	---	---	---	---	---	10.3	7.3	8.8	---	---	---
15	---	---	---	---	---	---	10.0	7.7	8.8	10.2	9.5	9.9
16	---	---	---	---	---	---	---	---	---	10.2	9.2	9.8
17	---	---	---	---	---	---	---	---	---	9.8	8.9	9.3
18	---	---	---	---	---	---	---	---	---	9.4	8.0	8.8
19	---	---	---	---	---	---	---	---	---	8.9	7.4	8.2
20	9.8	9.4	9.6	---	---	---	---	---	---	8.9	7.2	8.1
21	10.3	9.3	9.8	---	---	---	---	---	---	9.0	7.3	8.2
22	10.4	9.5	9.9	---	---	---	---	---	---	8.9	7.6	8.2
23	10.7	9.8	10.3	---	---	---	---	---	---	8.9	7.8	8.4
24	11.4	9.4	10.4	---	---	---	---	---	---	9.0	8.3	8.7
25	11.4	.0	10.6	---	---	---	---	---	---	9.6	8.6	9.1
26	11.4	9.1	10.4	---	---	---	---	---	---	9.7	8.4	9.0
27	11.2	8.9	10.2	---	---	---	---	---	---	9.6	8.1	8.9
28	11.1	8.9	10.0	---	---	---	---	---	---	9.7	8.3	9.0
29	10.3	9.6	9.9	---	---	---	---	---	---	9.6	7.9	9.1
30	---	---	---	---	---	---	---	---	---	9.9	8.3	9.1
31	---	---	---	---	---	---	---	---	---	9.7	8.4	9.1

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 29-80

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.6	8.5	9.0	---	---	---	10.5	8.8	9.4			
2	9.6	.0	8.9	---	---	---	10.6	8.6	9.8			
3	9.4	7.9	8.7	---	---	---	10.8	9.1	9.9			
4	9.5	8.7	9.0	---	---	---	11.2	9.0	10.1			
5	9.9	7.3	8.7	---	---	---	11.1	9.0	10.1			
6	9.6	7.2	8.3	---	---	---	11.0	9.1	10.2			
7	9.2	6.9	8.1	---	---	---	11.1	9.0	10.1			
8	9.1	6.9	7.9	---	---	---	11.2	9.1	10.2			
9	8.8	6.6	7.7	---	---	---	11.1	9.6	10.4			
10	8.7	6.5	7.5	---	---	---	11.6	9.7	10.6			
11	8.5	6.4	7.4	---	---	---	12.2	9.8	11.1			
12	8.5	7.1	7.9	---	---	---	12.2	9.9	11.1			
13	7.2	6.7	6.9	---	---	---	11.9	10.4	11.0			
14	8.7	6.8	7.7	---	---	---	11.8	9.8	11.0			
15	8.8	6.7	7.7	---	---	---	11.6	10.1	10.8			
16	8.8	6.6	7.7	12.3	7.8	10.3	12.0	10.4	11.2			
17	8.6	6.6	7.6	8.4	6.7	7.4	12.3	10.3	11.4			
18	8.4	6.4	7.5	8.9	6.9	7.8	12.2	10.1	11.3			
19	7.9	6.8	7.3	9.2	6.8	7.9	11.2	9.5	10.3			
20	8.4	6.5	7.5	9.1	7.0	8.0	10.5	8.5	9.6			
21	---	---	---	9.1	7.0	8.1	9.5	7.8	8.7			
22	---	---	---	9.5	6.8	8.0	---	---	---			
23	---	---	---	9.5	6.3	7.5	---	---	---			
24	---	---	---	10.1	6.9	8.2	---	---	---			
25	---	---	---	10.6	7.0	8.7	---	---	---			
26	7.2	6.2	---	10.5	7.1	8.9	---	---	---			
27	7.2	6.0	---	10.9	7.0	9.1	---	---	---			
28	7.1	6.0	---	11.8	8.1	9.9	---	---	---			
29	7.0	6.0	---	10.8	7.7	9.2	---	---	---			
30	---	---	---	10.9	8.1	9.3	---	---	---			
31	---	---	---	10.3	8.2	9.3	---	---	---			
YEAR	12.3	.0	9.3									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1130	1090	1110	1090	1080	1080	1070	1030	1050	---	---	---
2	1130	1090	1120	1080	1070	1080	---	---	---	---	---	---
3	1130	1100	1120	1080	1070	1080	---	---	---	---	---	---
4	1140	1120	1130	1080	1060	1080	1080	1080	1080	1090	1080	1090
5	1150	1120	1140	1080	1050	1070	1090	1070	1080	1100	1080	1090
6	1150	1110	1140	1090	1060	1070	1080	1070	1070	1100	1090	1090
7	1170	1120	1150	1070	1040	1060	1070	1060	1070	1100	1060	1090
8	1200	1160	1180	1070	1050	1070	1080	1060	1070	1090	1060	1080
9	1210	1160	1190	1070	1060	1070	1080	1060	1070	1080	1050	1070
10	1200	1140	1180	1080	1060	1070	1070	1050	1060	---	---	---
11	1180	1120	1150	1070	1060	1070	---	---	---	---	---	---
12	1160	1100	1140	1070	1060	1070	---	---	---	---	---	---
13	1160	1100	1140	1070	1070	1070	---	---	---	---	---	---
14	1160	1110	1140	1070	1060	1060	---	---	---	---	---	---
15	1180	1120	1150	---	---	---	---	---	---	---	---	---
16	1170	1120	1150	1080	1070	1080	---	---	---	---	---	---
17	1170	1130	1160	1090	1070	1080	---	---	---	---	---	---
18	1180	1130	1160	1080	1050	1070	---	---	---	---	---	---
19	1190	1140	1170	1070	1030	1050	---	---	---	---	---	---
20	1200	1150	1170	1060	1030	1050	---	---	---	---	---	---
21	1210	1170	1190	1070	1060	1070	---	---	---	---	---	---
22	1200	1150	1170	1120	1040	1080	---	---	---	---	---	---
23	1170	1110	1140	1120	1040	1090	---	---	---	1150	1020	1080
24	1120	1100	1110	1090	1080	1080	---	---	---	1120	1050	1090
25	1120	1100	1110	1070	1070	1070	---	---	---	1090	1070	1080
26	1110	1080	1100	1080	1040	1060	---	---	---	1090	1070	0
27	1110	1100	1110	1090	1050	1070	---	---	---	1120	1020	1080
28	1120	1090	1110	1170	1090	1120	---	---	---	1070	1030	1040
29	1120	1050	1090	1140	1060	1110	---	---	---	1070	1040	1050
30	1090	1080	1090	1110	1030	1070	---	---	---	1100	1050	1070
31	1090	1080	1090	---	---	---	---	---	---	1210	1030	1120

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1120	1020	1080	1070	1040	1060	---	---	---	774	764	769
2	1070	1060	1070	1090	1060	1070	---	---	---	770	734	759
3	1080	1060	1070	1080	1010	1050	---	---	---	---	---	---
4	1070	1050	1070	1060	1020	1040	---	---	---	---	---	---
5	1120	1050	1080	1070	1030	1060	---	---	---	---	---	---
6	1080	1050	1070	---	---	---	---	---	---	---	---	---
7	1070	1000	1060	---	---	---	---	---	---	732	706	719
8	1140	1010	1080	---	---	---	---	---	---	---	---	---
9	1210	1010	1120	---	---	---	---	---	---	---	---	---
10	1150	1010	1060	---	---	---	1040	958	1010	---	---	---
11	1160	1010	1090	---	---	---	1030	952	1010	---	---	---
12	1150	1000	1080	---	---	---	1030	936	996	---	---	---
13	1080	1070	1070	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	1020	972	1000	744	736	741
16	---	---	---	---	---	---	---	---	---	754	732	749
17	---	---	---	---	---	---	---	---	---	770	738	751
18	---	---	---	---	---	---	---	---	---	770	754	761
19	---	---	---	---	---	---	---	---	---	788	770	780
20	1020	984	1000	---	---	---	---	---	---	796	788	792
21	1050	1020	1040	---	---	---	---	---	---	796	792	794
22	1060	1050	1060	---	---	---	---	---	---	798	790	795
23	1060	1030	1060	---	---	---	---	---	---	806	796	801
24	1080	1060	1070	---	---	---	---	---	---	818	808	812
25	1140	1040	1080	---	---	---	---	---	---	830	816	822
26	1090	1050	1070	---	---	0	---	---	---	844	832	836
27	1090	932	1040	---	---	---	---	---	---	854	846	850
28	1070	902	1010	---	---	---	---	---	---	860	854	857
29	1060	988	1040	---	---	---	---	---	---	880	862	866
30	---	---	---	---	---	---	---	---	---	873	865	868
31	---	---	---	---	---	---	---	---	---	878	868	872

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	879	869	871	1240	1110	1200	1130	1090	1110			
2	882	874	877	1200	1140	1170	1100	1090	1100			
3	903	879	890	1210	1140	1170	1100	1080	1090			
4	906	872	896	1210	1180	1190	1090	1070	1080			
5	996	976	984	1200	1160	1190	1080	1060	1070			
6	1050	992	1010	1190	1160	1180	1090	1070	1070			
7	1070	1020	1040	1190	1150	1170	1090	1060	1080			
8	1080	1070	1080	1170	1130	1150	1100	1090	1090			
9	1090	1060	1080	1160	1130	1150	1090	1080	1090			
10	1100	1060	1080	1190	1140	1160	1090	1060	1080			
11	1110	1090	1100	1180	1150	1170	1060	1050	1060			
12	1100	1090	1090	1210	1140	1170	10	1050	1060			
13	1110	1100	1100	1200	1160	1180	1060	1020	1050			
14	1130	1090	1110	1200	1160	1180	1060	1040	1050			
15	1160	1040	1130	1170	1150	1160	1070	1030	1050			
16	1190	1140	1160	1390	1290	1350	1070	1050	1070			
17	1200	1170	1190	1150	1120	1130	1070	1050	1060			
18	1220	1180	1200	1200	1130	1150	1060	1040	1050			
19	1230	1170	1190	1230	1170	1210	1060	1040	1050			
20	1230	1180	1200	1230	1150	1200	1060	1030	1050			
21	---	---	---	1270	1220	1240	1060	1050	1060			
22	---	---	---	1300	1210	1260	---	---	---			
23	---	---	---	1310	1180	1230	---	---	---			
24	---	---	---	1210	1170	1190	---	---	---			
25	---	---	---	1190	1150	1170	---	---	---			
26	1220	1190	1200	1180	1140	1160	---	---	---			
27	1220	1190	1200	1180	1130	1160	---	---	---			
28	1220	1200	1210	1170	1120	1150	---	---	---			
29	1210	1160	1180	1170	1130	1150	---	---	---			
30	1260	1170	1200	1170	1120	1150	---	---	---			
31	---	---	---	1130	1110	1120	---	---	---			
YEAR	1390	706	1060									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	16.5	6.5	11.0	6.5	.0	3.0	.5	.0	.5	---	---	---
2	15.5	7.0	10.5	7.5	1.5	4.0	---	---	---	---	---	---
3	15.0	6.5	10.5	7.5	1.5	4.0	---	---	---	---	---	---
4	15.0	5.0	9.5	8.0	3.5	5.5	5.0	1.0	3.0	5.0	2.0	3.0
5	15.0	5.5	10.0	8.5	2.5	5.0	5.0	2.0	3.5	4.0	.5	2.0
6	15.5	5.5	10.0	8.5	2.0	5.5	5.0	.0	2.0	3.0	.0	1.5
7	16.0	6.0	10.5	7.5	5.0	6.0	5.5	.5	3.0	3.0	.0	1.0
8	15.0	6.0	10.0	7.5	4.5	5.5	6.0	3.0	4.0	4.5	.0	2.5
9	14.0	6.0	9.5	7.5	4.0	5.5	5.0	1.0	3.0	4.5	2.0	3.5
10	14.5	5.5	9.5	7.0	2.0	4.5	5.0	1.0	3.0	---	---	---
11	14.5	5.5	9.5	6.0	3.0	4.5	---	---	---	---	---	---
12	14.0	5.5	9.5	6.5	.5	3.5	---	---	---	---	---	---
13	14.0	6.0	10.0	6.5	.5	3.5	---	---	---	---	---	---
14	11.0	6.5	9.0	---	---	---	---	---	---	---	---	---
15	13.5	6.0	10.0	---	---	---	---	---	---	---	---	---
16	13.5	7.5	10.0	6.0	.0	3.0	---	---	---	---	---	---
17	12.0	5.0	8.5	6.0	.0	3.5	---	---	---	---	---	---
18	13.0	8.0	10.0	7.0	3.5	5.0	---	---	---	---	---	---
19	13.0	8.5	10.5	3.5	1.5	2.5	---	---	---	---	---	---
20	10.0	4.5	7.5	5.0	1.5	3.0	---	---	---	---	---	---
21	9.0	5.0	6.5	3.5	.5	2.0	---	---	---	---	---	---
22	10.5	3.0	6.0	1.5	.0	.5	---	---	---	---	---	---
23	11.5	4.0	7.5	3.0	.0	1.0	---	---	.0	1.0	.0	.0
24	11.0	4.5	7.5	4.5	1.0	2.5	---	---	---	4.5	.0	2.0
25	12.0	4.5	8.0	4.5	2.5	3.5	---	---	---	5.5	1.0	2.5
26	12.0	6.0	8.5	4.0	2.0	3.0	---	---	---	3.0	.0	1.5
27	11.0	4.5	7.5	2.5	.0	.5	---	---	---	3.5	.0	1.0
28	9.5	3.5	6.0	.0	.0	.0	---	---	---	1.0	.0	.0
29	6.5	4.5	5.5	.5	.0	.0	---	---	---	6.0	.0	2.5
30	7.0	3.0	4.5	.5	.0	.0	---	---	---	2.5	.0	1.5
31	6.5	.5	3.5	---	---	---	---	---	---	.0	.0	.0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	3.5	.0	1.0	11.0	3.0	6.0	---	---	---	11.0	8.0	9.5
2	5.5	.5	3.0	6.5	.5	3.5	---	---	---	12.0	5.5	8.5
3	6.5	2.0	4.5	8.0	3.0	5.0	---	---	---	---	---	---
4	7.0	2.0	4.5	9.0	3.0	5.5	---	---	---	---	---	---
5	5.0	.0	2.0	9.5	2.5	---	---	---	---	---	---	---
6	5.5	1.0	3.0	---	---	---	---	---	---	---	---	---
7	6.0	1.0	3.5	---	---	---	---	---	---	10.5	7.5	9.0
8	3.0	.0	.5	---	---	---	---	---	---	---	---	---
9	.0	.0	.0	---	---	---	---	---	---	---	---	---
10	.5	.0	.0	---	---	---	10.5	4.5	7.0	---	---	---
11	.5	.0	.0	---	---	---	11.0	2.5	6.0	---	---	---
12	3.5	.0	1.0	---	---	---	13.0	1.0	6.0	---	---	---
13	---	---	---	---	---	---	14.5	.5	7.0	---	---	---
14	---	---	---	---	---	---	16.5	1.0	7.0	---	---	---
15	---	---	---	---	---	---	13.0	3.0	8.0	11.5	6.5	9.5
16	---	---	---	---	---	---	---	---	---	11.0	6.0	8.0
17	---	---	---	---	---	---	---	---	---	10.0	5.5	7.5
18	---	---	---	---	---	---	---	---	---	13.5	4.5	8.5
19	---	---	---	---	---	---	---	---	---	14.5	5.5	10.0
20	6.5	5.0	5.5	---	---	---	---	---	---	15.0	6.5	11.0
21	8.0	3.5	5.5	---	---	---	---	---	---	16.5	7.0	11.5
22	7.0	3.5	5.0	---	---	---	---	---	---	15.5	7.5	11.5
23	6.0	1.5	3.5	---	---	---	---	---	---	14.5	7.5	11.0
24	8.0	.0	3.5	---	---	---	---	---	---	11.5	7.0	9.0
25	7.5	.0	2.5	---	---	---	---	---	---	10.5	4.0	7.5
26	9.5	.0	4.0	---	---	---	---	---	---	12.5	4.5	8.5
27	10.0	.0	4.5	---	---	---	---	---	---	14.5	5.0	10.0
28	10.0	.0	5.0	---	---	---	---	---	---	14.5	6.0	10.0
29	7.5	3.5	5.0	---	---	---	---	---	---	12.0	7.5	9.5
30	---	---	---	---	---	---	---	---	---	15.0	6.0	10.0
31	---	---	---	---	---	---	---	---	---	14.0	5.5	9.5

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	12.5	6.0	9.0	21.5	13.0	16.0	18.0	11.0	14.0			
2	15.0	5.5	10.0	17.5	13.5	15.0	20.5	10.0	13.5			
3	16.5	6.0	11.0	20.0	11.0	15.0	18.0	8.5	13.0			
4	17.5	6.0	11.0	20.0	10.5	14.5	19.5	8.0	13.0			
5	19.0	6.5	12.0	19.5	10.0	14.0	19.5	8.0	13.5			
6	18.5	7.0	12.0	20.0	9.5	14.5	21.0	9.0	14.0			
7	19.5	7.0	12.5	17.5	11.0	14.0	21.5	9.5	14.5			
8	18.5	7.0	12.5	20.5	12.0	15.5	21.5	9.5	15.0			
9	19.5	7.5	13.0	19.0	11.0	15.0	23.0	11.0	15.5			
10	20.5	8.0	14.0	20.0	11.5	15.5	21.0	9.5	14.5			
11	20.0	8.0	13.5	20.5	12.5	16.0	21.0	8.0	14.0			
12	17.5	7.5	11.0	19.0	12.0	15.0	19.5	8.0	13.5			
13	18.5	10.5	14.0	19.0	12.5	14.5	16.5	10.0	13.5			
14	18.5	7.0	12.0	21.0	11.5	15.5	20.0	10.5	14.0			
15	19.0	7.5	12.5	21.5	10.0	15.5	19.5	11.5	15.0			
16	20.0	7.5	13.0	21.5	13.0	18.0	15.5	9.0	12.5			
17	20.0	8.0	13.5	20.5	13.5	18.0	18.5	8.0	12.5			
18	20.0	8.5	14.0	20.5	10.5	15.0	20.0	8.0	13.0			
19	17.5	11.5	15.0	20.0	11.5	15.0	18.5	8.0	13.0			
20	20.0	8.5	14.0	21.5	10.0	15.0	19.0	7.5	12.5			
21	---	---	---	21.0	10.0	15.0	15.5	7.0	10.0			
22	---	---	---	20.0	10.0	14.5	---	---	---			
23	---	---	---	19.0	10.5	14.0	---	---	---			
24	---	---	---	19.5	9.5	14.0	---	---	---			
25	---	---	---	19.5	9.5	14.0	---	---	---			
26	20.5	12.0	16.5	20.5	9.0	14.5	---	---	---			
27	20.5	10.0	14.5	21.5	9.5	15.0	---	---	---			
28	20.0	8.5	14.0	22.0	9.0	15.0	---	---	---			
29	21.5	9.5	15.0	19.5	9.5	14.0	---	---	---			
30	20.0	12.0	15.5	19.0	11.0	14.5	---	---	---			
31	---	---	---	20.5	10.0	15.0	---	---	---			
YEAR	23.0	.0	8.5									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.4	8.2	8.3	8.6	8.3	8.4	8.7	8.3	8.5	---	---	---
2	8.4	8.2	8.3	8.6	8.3	8.4	8.6	8.4	8.5	---	---	---
3	8.4	8.2	8.3	8.6	8.3	8.5	8.7	8.4	8.6	---	---	---
4	8.4	8.2	8.3	8.6	8.4	8.4	8.8	8.5	8.6	---	---	---
5	8.4	8.2	8.3	8.6	8.4	8.5	8.8	8.5	8.6	8.4	8.2	8.3
6	8.4	8.2	8.3	8.6	8.4	8.5	8.8	8.5	8.6	8.4	8.1	8.2
7	8.5	8.2	8.3	8.6	8.4	8.5	8.7	8.5	8.6	8.4	8.1	8.2
8	8.5	8.2	8.3	8.7	8.4	8.5	8.7	8.5	8.6	8.4	8.1	8.2
9	8.5	8.3	8.4	8.7	8.4	8.5	8.9	8.6	8.7	8.3	8.1	8.2
10	8.5	8.2	8.3	8.6	8.3	8.4	8.8	8.6	8.7	8.3	8.1	8.2
11	8.5	8.2	8.3	8.6	8.3	8.4	8.9	8.6	8.7	8.3	8.1	8.2
12	8.5	8.2	8.4	8.6	8.4	8.5	8.8	8.4	8.6	8.3	8.1	8.1
13	8.5	8.2	8.3	8.6	8.4	8.5	8.8	8.4	8.6	8.4	8.1	8.2
14	8.5	8.2	8.3	8.6	8.4	8.5	8.5	8.2	8.3	8.4	8.1	8.2
15	8.5	8.2	8.3	8.6	8.4	8.5	8.6	8.2	8.4	8.4	8.2	8.3
16	8.5	8.2	8.3	8.7	8.4	8.5	8.6	8.3	8.4	8.4	8.2	8.3
17	8.4	8.1	8.3	8.7	8.4	8.5	8.6	8.4	8.5	8.4	8.2	8.3
18	8.5	8.2	8.3	8.7	8.4	8.5	---	---	---	8.5	8.2	8.3
19	8.5	8.2	8.3	8.8	8.4	8.5	---	---	---	8.4	8.1	8.3
20	8.4	8.2	8.3	8.7	8.4	8.5	8.5	8.2	8.3	---	---	---
21	8.6	8.2	8.4	8.6	8.3	8.4	8.4	8.1	8.3	---	---	---
22	8.5	8.3	8.4	8.6	8.3	8.4	8.4	8.2	8.3	---	---	---
23	8.5	8.3	8.4	8.6	8.2	8.4	---	---	---	---	---	---
24	8.5	8.3	8.4	8.7	8.3	8.4	---	---	---	---	---	---
25	8.5	8.3	8.4	8.7	8.4	8.5	---	---	---	---	---	---
26	8.6	8.3	8.4	8.7	8.4	8.5	---	---	---	---	---	---
27	8.6	8.3	8.4	8.7	8.4	8.5	---	---	---	---	---	---
28	8.6	8.3	8.4	8.6	8.4	8.5	---	---	---	---	---	---
29	8.7	8.3	8.4	8.7	8.2	8.5	---	---	---	---	---	---
30	8.6	8.3	8.4	8.6	8.4	8.5	---	---	---	---	---	---
31	8.6	8.3	8.4	---	---	---	---	---	---	---	---	---

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 29-80

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	8.0	7.9	7.9	8.2	8.0	8.1	8.1	7.9	8.0
2	---	---	---	8.1	7.9	8.0	8.2	8.0	8.1	8.1	8.0	8.0
3	---	---	---	8.1	7.9	7.9	8.3	8.0	8.1	8.1	7.9	8.0
4	---	---	---	8.1	7.9	8.0	8.2	8.0	8.1	8.1	8.0	8.0
5	---	---	---	8.0	7.8	7.9	8.2	8.0	8.1	8.1	8.0	8.0
6	---	---	---	8.1	7.9	8.0	8.2	7.9	8.0	8.1	8.0	8.0
7	---	---	---	8.1	7.9	8.0	8.1	7.9	8.0	8.1	7.9	8.0
8	---	---	---	8.1	7.9	8.0	8.2	7.9	8.0	8.1	8.0	8.0
9	---	---	---	8.0	7.9	8.0	8.2	7.9	8.0	8.1	8.0	8.0
10	---	---	---	8.0	7.9	8.0	8.2	7.9	8.0	8.1	8.0	8.0
11	---	---	---	8.0	7.9	7.9	8.1	7.9	8.0	8.1	7.9	8.0
12	---	---	---	8.0	7.9	8.0	8.2	7.9	8.0	8.1	8.0	8.0
13	---	---	---	8.0	7.9	8.0	8.1	7.9	8.0	8.1	8.0	8.1
14	---	---	---	8.0	7.9	7.9	8.2	7.9	8.0	8.0	7.9	8.0
15	---	---	---	8.0	7.8	7.9	8.3	8.0	8.1	8.0	7.9	8.0
16	---	---	---	8.0	7.9	7.9	8.2	8.0	8.1	8.0	7.9	8.0
17	---	---	---	8.2	7.9	8.0	8.2	8.0	8.1	8.0	7.9	8.0
18	---	---	---	8.2	8.1	8.1	8.2	8.0	8.1	8.0	7.9	8.0
19	---	---	---	8.3	8.0	8.1	8.2	8.0	8.1	8.0	7.9	7.9
20	8.3	8.1	8.1	8.1	8.0	8.0	8.2	8.0	8.1	8.0	7.9	8.0
21	8.2	8.0	8.1	8.1	7.9	8.0	8.2	8.0	8.1	8.0	7.9	8.0
22	8.2	8.0	8.1	8.1	7.9	8.0	8.2	8.0	8.1	8.0	7.9	7.9
23	8.2	8.0	8.1	8.1	7.9	8.0	8.1	8.0	8.1	8.0	7.9	8.0
24	8.2	8.1	8.1	8.0	7.9	8.0	8.2	8.0	8.1	8.0	7.9	7.9
25	8.2	8.0	8.1	8.1	7.9	8.0	8.2	8.0	8.0	8.0	7.8	7.9
26	8.1	8.0	8.1	8.1	8.0	8.0	8.1	8.0	8.0	8.0	7.8	7.9
27	8.1	7.9	8.0	8.1	7.9	8.0	8.1	8.0	8.1	8.0	7.8	7.9
28	8.1	7.9	8.0	8.1	7.9	8.0	8.1	8.0	8.0	8.0	7.8	7.9
29	8.1	7.9	8.0	8.1	7.9	8.0	8.2	8.0	8.1	7.9	7.8	7.9
30	---	---	---	8.1	8.0	8.0	8.1	7.9	8.0	7.9	7.8	7.8
31	---	---	---	8.2	8.0	8.1	---	---	---	7.9	7.8	7.8

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.9	7.7	7.8	8.2	7.9	8.1		---				
2	7.9	7.7	7.8	8.1	7.9	8.0		---				
3	7.9	7.7	7.8	---	---	---		---				
4	8.0	8.0	8.0	---	---	---		---				
5	8.0	7.8	7.9	---	---	---		---				
6	8.0	7.8	7.9	---	---	---		---				
7	8.0	7.8	7.9	---	---	---		---				
8	8.0	7.8	7.9	---	---	---		---				
9	8.0	7.8	7.9	---	---	---		---				
10	8.1	7.9	8.0	---	---	---		---				
11	8.1	8.0	8.0	---	---	---		.0				
12	8.2	8.0	8.1	---	---	---		---				
13	8.3	8.0	8.1	---	---	---		---				
14	8.3	8.1	8.2	---	---	---		---				
15	8.2	8.1	8.1	---	---	---		---				
16	8.3	8.1	8.2	8.3	8.1	8.2		---				
17	8.3	8.1	8.2	8.4	7.9	8.1		---				
18	8.3	8.1	8.2	8.3	8.0	8.1		---				
19	8.3	8.2	8.2	8.3	8.0	8.1		---				
20	8.3	8.1	8.2	8.3	8.0	8.1		---				
21	8.3	8.1	8.2	8.3	8.0	8.1		---				
22	8.3	8.1	8.2	---	---	---		---				
23	8.2	8.1	8.1	---	---	---		---				
24	8.2	8.0	8.1	---	---	---		---				
25	8.2	8.0	8.1	---	---	---		---				
26	8.2	8.0	8.0	---	---	---		---				
27	8.2	7.9	8.0	---	---	---		---				
28	8.3	8.0	8.1	---	---	---		---				
29	8.3	8.0	8.1	---	---	---		---				
30	8.2	8.0	8.1	---	---	---		---				
31	---	---	---	---	---	---		---				
YEAR	8.9	.0	8.2									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	10.1	6.8	8.2	12.1	8.0	9.6	12.4	8.9	10.0	---	---	---
2	10.0	6.7	8.2	12.1	8.0	9.5	12.4	8.5	9.8	---	---	---
3	10.1	7.1	8.3	12.4	7.8	9.8	12.6	8.5	9.8	---	---	---
4	---	---	---	12.6	7.7	9.2	12.7	8.4	9.9	---	---	---
5	---	---	---	12.6	7.9	9.4	12.5	8.4	9.7	12.4	8.5	10.2
6	---	---	---	12.9	7.5	9.5	12.7	8.5	9.8	12.3	8.7	9.7
7	---	---	---	12.1	7.4	8.7	12.3	8.2	9.7	12.4	8.7	9.7
8	---	---	---	12.1	7.5	9.0	12.2	8.4	9.5	12.5	8.4	9.6
9	---	---	---	12.4	7.5	9.1	12.1	8.5	9.7	11.7	8.3	---
10	---	---	---	12.5	7.5	9.2	12.3	8.2	9.6	11.8	8.2	9.4
11	---	---	---	12.2	7.8	9.2	12.5	8.7	9.9	11.2	8.5	9.5
12	---	---	---	12.6	7.9	9.5	12.0	9.0	10.0	10.0	8.3	8.9
13	---	---	---	12.5	7.8	9.4	12.0	9.1	10.0	11.6	8.0	9.2
14	---	---	---	12.6	8.2	9.4	11.8	8.9	9.9	11.7	8.1	8.9
15	---	---	---	13.7	8.5	10.2	11.9	8.8	9.8	11.6	8.2	9.3
16	---	---	---	13.8	8.3	10.1	12.3	8.7	9.9	11.7	8.4	9.3
17	---	---	---	14.3	8.0	10.1	12.6	8.7	10.0	11.6	8.3	9.3
18	11.9	7.4	9.1	12.4	8.0	9.4	---	---	---	11.7	8.2	9.2
19	12.1	7.2	8.7	13.3	8.4	9.7	---	---	---	11.4	8.6	9.5
20	10.5	7.4	8.5	14.0	8.2	10.1	11.4	8.5	9.6	11.1	8.8	9.5
21	12.1	7.9	9.3	14.6	8.6	10.3	12.7	8.2	9.8	10.8	8.9	9.5
22	11.9	8.0	9.5	13.8	8.8	10.4	12.4	8.2	9.4	10.9	8.9	9.5
23	11.7	7.6	9.2	14.0	8.2	10.1	---	---	---	11.0	8.9	9.6
24	11.9	7.6	9.2	14.2	8.2	9.9	---	---	---	10.7	8.6	9.4
25	11.8	7.5	9.0	13.6	8.2	9.7	---	---	---	10.5	8.5	9.2
26	12.2	7.2	8.9	12.4	8.0	9.5	---	---	---	10.5	8.8	9.4
27	12.2	7.8	9.2	13.2	8.6	10.2	---	---	---	10.4	8.5	9.3
28	12.5	7.5	9.3	13.2	9.2	10.4	---	---	---	10.2	8.8	9.3
29	11.8	7.6	9.0	12.6	9.0	10.2	---	---	---	10.4	8.5	9.2
30	12.5	8.1	9.5	12.6	8.8	9.9	---	---	---	10.7	8.8	9.6
31	12.5	8.2	9.6	---	---	---	---	---	---	10.8	9.0	9.8

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.9	8.7	9.6	11.0	8.3	9.3	10.8	8.2	9.3	10.4	8.4	9.1
2	11.2	8.7	9.6	10.9	8.3	9.4	10.8	8.4	9.3	10.4	8.4	9.2
3	11.3	8.5	9.5	11.2	8.1	9.1	11.8	8.6	9.9	10.2	8.4	9.2
4	11.2	8.6	9.5	11.1	8.1	9.2	11.8	8.8	9.8	10.2	8.4	9.0
5	11.3	8.5	9.6	11.3	8.1	9.3	12.2	8.6	9.9	10.0	8.5	9.0
6	11.1	8.4	9.4	11.1	8.2	9.2	12.0	8.8	9.9	10.0	8.2	9.0
7	11.2	8.5	9.4	11.3	8.1	9.3	12.2	8.8	10.3	9.9	8.4	8.9
8	11.1	9.2	9.9	10.8	8.4	9.3	12.0	8.8	10.1	9.8	8.3	8.9
9	10.8	9.1	9.8	10.7	8.3	9.3	12.2	8.6	10.1	9.8	8.2	8.9
10	10.6	8.9	9.6	10.5	8.3	9.2	12.2	8.8	10.0	9.7	8.2	8.8
11	10.7	8.9	9.6	10.7	8.2	9.2	12.2	9.0	10.2	9.6	8.0	8.9
12	10.8	8.7	9.5	10.6	8.3	9.3	12.2	8.8	10.2	10.0	8.2	9.1
13	11.2	8.5	9.4	10.6	8.4	9.4	12.0	8.8	10.0	9.8	8.0	8.9
14	10.9	7.7	9.0	10.6	8.2	9.3	11.8	8.6	9.8	9.4	7.8	8.6
15	11.2	7.6	8.8	10.8	8.1	9.3	12.0	8.5	10.0	9.3	7.8	8.4
16	11.3	7.4	9.0	10.8	8.7	9.6	11.6	8.8	10.0	9.1	7.6	8.3
17	11.2	7.5	9.0	10.8	8.6	9.6	11.4	8.6	9.9	9.1	7.8	8.4
18	12.2	7.6	8.7	10.6	8.2	9.3	11.4	8.6	9.9	9.1	7.5	8.2
19	11.2	7.3	8.8	10.8	8.0	9.1	11.2	8.4	9.7	8.8	7.2	7.9
20	10.8	7.8	8.6	10.8	8.0	9.2	11.4	8.4	9.7	8.8	7.1	7.9
21	11.2	8.2	9.2	10.6	8.0	9.0	11.2	8.2	9.5	8.7	7.1	7.7
22	11.2	8.3	9.3	10.4	8.0	9.2	11.1	8.4	9.4	8.6	7.0	7.7
23	11.4	8.4	9.6	10.8	8.0	9.3	11.1	8.2	9.4	8.6	7.2	7.7
24	11.4	8.8	9.7	10.8	8.2	9.3	10.9	8.4	9.3	8.6	7.5	7.9
25	11.3	8.6	9.7	11.0	8.2	9.6	10.9	8.4	9.5	9.1	7.5	8.2
26	11.4	8.4	9.6	11.4	8.6	9.4	10.8	8.6	9.5	9.0	7.4	8.1
27	11.7	8.1	9.6	11.0	8.2	9.5	10.6	8.4	9.5	8.8	7.3	8.0
28	11.8	7.9	9.5	11.4	8.4	9.5	10.4	8.4	9.3	8.8	7.2	7.9
29	11.2	8.2	9.2	11.4	8.4	9.6	10.6	8.2	9.1	8.6	7.3	7.9
30	---	---	---	11.6	8.6	9.6	10.5	8.2	9.1	8.8	7.2	7.9
31	---	---	---	11.6	8.4	9.3	---	---	---	8.9	7.2	8.0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.9	7.3	8.0	10.1	8.0	9.1						
2	9.0	7.1	8.0	9.9	8.5	9.0						
3	8.8	7.0	7.8	9.8	8.6	9.1						
4	8.7	7.0	7.8	9.9	8.7	9.2						
5	8.7	6.9	7.7	9.8	8.7	9.2						
6	8.8	7.0	7.8	9.8	8.5	9.2						
7	9.0	7.0	7.9	9.8	8.7	9.2						
8	9.0	6.9	7.9	9.7	8.6	9.1						
9	8.9	6.4	7.9	9.7	8.6	9.1						
10	8.8	7.6	7.9	9.6	8.5	9.0						
11	8.8	7.9	8.3	9.6	8.7	9.0						
12	9.0	8.0	8.5	---	---	---						
13	9.1	8.1	8.6	---	---	---						
14	9.3	8.4	---	---	---	---						
15	9.4	8.4	8.8	---	---	---						
16	9.5	8.4	8.8	---	---	---						
17	9.5	8.4	8.9	---	---	---						
18	9.5	8.4	8.9	---	---	---						
19	9.6	8.7	9.1	---	---	---						
20	9.8	8.7	9.2	---	---	---						
21	10.0	8.7	9.2	---	---	---						
22	9.9	8.7	9.2	---	---	---						
23	9.9	8.7	9.3	---	---	---						
24	10.0	8.7	9.3	---	---	---						
25	10.0	8.7	9.3	---	---	---						
26	10.0	8.7	9.3	---	---	---						
27	10.1	8.7	9.3	---	---	---						
28	10.1	8.7	9.4	---	---	---						
29	10.1	8.6	9.3	---	---	---						
30	10.0	8.5	9.2	---	---	---						
31	---	---	---	---	---	---						
YEAR	14.6	6.4	9.3									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1290	1280	1290	1280	1260	1270	1280	1260	1270	---	---	---
2	1290	1270	1290	1280	1260	1270	1280	1260	1270	---	---	---
3	1290	1270	1280	1280	1260	1270	1280	1260	1270	---	---	---
4	1290	1270	1280	1280	1260	1270	1280	1260	1270	---	---	---
5	1290	1270	1280	1280	1260	1280	1280	1260	1280	1280	1260	1270
6	1290	1270	1280	1280	1250	1270	1280	1260	1270	1280	1260	1280
7	1290	1270	1280	1280	1250	1270	1280	1260	1270	1280	1260	1270
8	1290	1270	1280	1270	1260	1270	1280	1260	1270	1290	1260	1270
9	1290	1270	1280	1280	1260	1270	1280	1260	1270	1290	1270	1280
10	1290	1270	1280	1280	1260	1270	1280	1260	1270	1280	1250	1270
11	1290	1270	1280	1270	1260	1270	1280	1250	1270	1290	1270	1280
12	1280	1270	1280	1280	1250	1280	1280	1260	1280	1280	1270	1280
13	1280	1260	1280	1270	1250	1280	1280	1260	1280	1280	1230	1270
14	1300	1270	1280	1280	1250	1280	1280	1260	1280	1280	1210	1260
15	1290	1260	1280	1280	1260	1270	1280	1260	1270	1280	1250	1270
16	1280	1270	1280	1280	1250	1270	1280	1260	1270	1280	1260	1280
17	1280	1260	1280	1280	1250	1260	1280	1260	1270	1290	1260	1280
18	1280	1260	1270	1270	1240	1260	---	---	---	1280	1260	1270
19	1280	1260	1270	1280	1220	1260	---	---	---	1280	1270	1280
20	1270	1230	1260	1260	1240	1260	1280	1260	1270	1280	1270	1280
21	1280	1260	1270	1280	1240	1260	1280	1260	1270	1290	1270	1280
22	1280	1260	1270	1280	1240	1270	1280	1260	1270	1290	1260	1280
23	1280	1260	1270	1280	1260	1270	---	---	---	1280	1270	1280
24	1280	1260	1270	1280	1260	1270	---	---	---	1280	1260	1270
25	1280	1260	1270	1280	1240	1260	---	---	---	1280	1270	1280
26	1280	1250	1270	1280	1220	1260	---	---	---	1280	1270	1280
27	1280	1260	1270	1280	1240	1270	---	---	---	1280	1270	1280
28	1280	1260	1270	1280	1260	1270	---	---	---	1270	1250	1260
29	1270	1230	1260	1280	1240	1270	---	---	---	1280	1250	1270
30	1280	1260	1270	1280	1260	1270	---	---	---	1280	1270	1280
31	1280	1260	1270	---	---	---	---	---	---	1290	1270	1280

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 29-80

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394849 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1280	1260	1280	1280	1230	1270	1320	1300	1310	1320	1300	1310
2	1280	1270	1280	1280	1270	1280	1320	1280	1300	1320	1300	1310
3	1280	1260	1270	1280	1240	1270	1320	1300	1310	1320	1300	1310
4	1280	1260	1280	1280	1230	1270	1320	1300	1310	1320	1300	1310
5	1290	1250	1280	1280	1230	1270	1340	1300	1320	1320	1300	1310
6	1280	1260	1280	1280	1220	1270	1320	1300	1310	1320	1300	1310
7	1280	1270	1280	1270	1250	1260	1320	1300	1310	1320	1280	1310
8	1290	1270	1280	1280	1260	1270	1320	1300	1310	1320	1300	1310
9	1290	1270	1280	1280	1260	1280	1320	1300	1310	1320	1300	1310
10	1290	1260	1280	1280	1240	1270	1320	1300	1310	1320	1300	1310
11	1290	1260	1280	1290	1260	1280	1320	1300	1310	1300	1240	1290
12	1290	1260	1280	1280	1250	1270	1330	1300	1310	1300	1280	1300
13	1280	1250	1270	1290	1260	1280	1320	1300	1310	1320	1300	1320
14	1280	1250	1270	1280	1200	1260	1330	1300	1310	1330	1260	1320
15	1280	1150	1250	1280	1160	1260	1330	0	1320	1330	1320	1320
16	1280	1200	1260	1290	1240	1270	1330	1300	1320	1330	1290	1320
17	1280	1240	1270	1290	1260	1280	1320	1300	1310	1330	1310	1320
18	1290	844	1160	1290	1240	1270	1320	1300	1310	1330	1320	1320
19	1260	950	1190	1320	1240	1280	1320	1300	1310	1330	1320	1330
20	1270	1240	1250	1320	1240	1300	1320	1300	1310	1330	1320	1330
21	1280	1270	1280	1320	1220	1300	1320	1300	1310	1330	1320	1330
22	1280	1260	1270	1320	1280	1310	1320	1300	1310	1330	1320	1330
23	1280	1230	1260	1320	1300	1310	1320	1300	1310	1330	1320	1330
24	1290	1260	1280	1320	1260	1300	1320	1300	1310	1330	1330	1330
25	1290	1250	1280	1320	1280	1300	1320	1300	1310	1330	1320	1330
26	1290	1210	1270	1320	1280	1300	1320	1300	1310	1340	1320	1330
27	1280	1090	1240	1320	1280	1310	1320	1300	1310	1330	1320	1330
28	1280	1090	1230	1320	1300	1310	1320	1300	1310	1330	1320	1330
29	1280	1250	1270	1320	1300	1310	1320	1280	1310	1330	1320	1330
30	---	---	---	1320	1270	1310	1340	1300	1310	1340	1320	1330
31	---	---	---	1320	1300	1310	---	---	---	1340	1320	1330

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1340	1320	1330	1430	1280	1340	1330	1320	1330			
2	1340	1320	1330	1360	1260	1330	1330	1330	1330			
3	1340	1330	1330	1340	1300	1330	1330	1330	1330			
4	1340	1330	1330	1340	1330	1340	1330	1330	1330			
5	1340	1330	1340	1340	1330	1340	1330	1330	1330			
6	1340	1330	1340	1340	1330	1340	1330	1330	1330			
7	1350	1330	1340	1340	1320	1330	1330	1330	1330			
8	1340	1330	1340	1340	1330	1330	1330	1330	1330			
9	1350	1330	1340	1340	1330	1330	1330	1320	1330			
10	1340	1330	1340	1340	1330	1330	1330	1320	1330			
11	1340	1330	1340	1340	1330	1340	1330	1320	1330			
12	1340	1340	1340	---	---	---	1330	1330	1330			
13	0	1340	1340	---	---	---	1330	1320	1330			
14	1340	1340	1340	---	---	---	1330	1330	1330			
15	1340	1330	1340	---	---	---	---	---	---			
16	1350	1340	1340	1250	1250	1250	---	---	---			
17	1340	1330	1340	1270	1260	1270	---	---	---			
18	1340	1330	1340	1280	1270	1280	---	---	---			
19	1340	1330	1340	1300	1290	1290	---	---	---			
20	1340	1330	1340	1310	1300	1310	---	---	---			
21	1340	1330	1340	1320	1310	1320	---	---	---			
22	1340	1330	1340	1330	1330	1330	---	---	---			
23	1340	1330	1340	1330	1330	1330	---	---	---			
24	1350	1340	1340	1340	1330	1330	---	---	---			
25	1350	1340	1340	1340	1310	1330	---	---	---			
26	1350	1340	1340	1330	1330	1330	---	---	---			
27	1350	1340	1340	1330	1330	1330	---	---	---			
28	1350	1330	1340	1330	1330	1330	---	---	---			
29	1340	1340	1340	1330	1320	1330	---	---	---			
30	1340	1330	1340	1330	1320	1330	---	---	---			
31	---	---	---	1330	1330	1330	---	---	---			
YEAR	1430	0	1300									

UNITED STATES DEPARTMENT O NTERIOR - GEOLOGICAL SURVEY PROCESS DATE 15 29-80

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	17.0	6.0	10.0	9.5	2.0	5.0	7.0	1.5	3.5	---	---	---
2	16.0	6.0	10.0	10.5	3.0	5.5	7.5	2.0	4.5	---	---	---
3	15.5	6.0	9.0	10.0	3.0	---	9.5	4.0	5.5	---	---	---
4	16.0	4.5	9.0	10.5	4.5	6.5	9.0	3.0	5.5	---	---	---
5	16.0	5.0	9.0	11.0	4.0	6.5	8.5	3.5	5.5	8.0	3.5	5.5
6	16.5	5.0	9.5	11.5	4.0	6.5	9.5	3.0	5.0	6.5	3.0	4.5
7	16.5	5.5	9.5	9.0	5.5	7.0	9.0	3.5	5.5	7.5	3.5	4.5
8	16.0	5.5	9.5	9.5	5.0	6.5	9.0	4.5	6.0	7.5	3.5	---
9	15.0	5.5	9.0	9.0	5.5	6.5	9.5	3.5	5.5	6.5	4.5	---
10	15.5	5.0	9.0	9.5	3.5	6.0	9.0	4.0	5.5	7.5	2.5	5.0
11	15.5	5.5	9.0	9.0	4.0	5.5	7.0	1.5	4.0	6.0	1.5	4.0
12	15.0	5.5	9.0	10.0	3.0	5.5	6.5	1.0	3.0	7.0	4.5	5.5
13	15.5	5.5	9.0	10.5	3.0	5.5	[illegible]	1.5	3.0	10.0	5.5	7.0
14	11.5	6.5	8.5	10.0	3.0	5.5	7.0	2.0	4.0	7.0	4.0	6.0
15	15.0	5.5	9.0	10.5	3.0	5.5	8.0	2.5	4.5	9.0	5.0	6.5
16	14.5	6.0	9.0	10.5	3.0	5.5	8.5	3.0	4.5	8.0	5.0	6.0
17	12.5	4.5	7.5	9.5	3.0	6.0	8.5	3.0	5.0	8.0	5.0	6.0
18	13.5	8.0	8.5	10.5	4.0	6.5	---	---	---	9.0	5.0	6.0
19	12.5	8.0	9.5	5.5	2.5	4.5	---	---	---	6.0	4.0	4.5
20	9.0	3.5	7.0	7.0	3.0	5.0	7.5	3.5	5.5	6.5	3.5	5.0
21	9.5	4.5	7.0	7.0	2.0	4.0	7.5	3.0	5.5	8.5	3.0	4.5
22	12.0	4.0	6.5	8.0	1.0	3.5	6.5	5.0	5.5	8.5	3.0	5.0
23	13.5	5.0	7.5	7.0	2.0	4.0	---	---	---	8.5	2.5	4.5
24	12.5	5.0	7.5	7.0	3.0	5.0	---	---	---	9.0	3.5	5.0
25	13.5	5.0	8.0	8.0	4.0	5.5	---	---	---	9.5	4.0	6.0
26	14.5	6.0	8.5	6.0	4.0	5.0	---	---	---	8.0	3.0	4.5
27	12.5	4.5	7.5	8.0	1.0	3.0	---	---	---	7.5	3.0	5.0
28	11.0	4.0	7.0	7.0	1.0	2.5	---	---	---	5.0	4.0	4.5
29	6.5	5.0	5.5	6.0	1.0	2.5	---	---	---	8.5	4.0	6.0
30	8.5	3.5	5.5	6.5	1.0	3.0	---	---	---	8.0	2.0	4.5
31	10.0	2.5	5.0	---	---	---	---	---	---	8.0	1.5	4.0

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394948 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.0	3.0	5.5	12.5	4.5	7.0	14.0	4.0	7.5	13.5	7.0	9.0
2	8.5	4.0	6.0	8.5	4.0	6.0	8.0	4.0	6.0	15.0	6.0	9.0
3	9.0	5.0	6.5	9.5	4.0	6.5	13.0	4.0	7.5	15.5	6.0	9.0
4	9.0	3.5	6.5	11.5	5.0	7.0	15.0	4.0	7.5	16.0	7.0	9.5
5	10.0	3.0	5.0	11.5	5.0	7.0	14.0	4.0	8.0	16.0	7.0	9.5
6	8.5	5.0	6.0	8.0	4.0	6.0	11.0	4.0	6.0	14.0	7.0	9.5
7	8.0	3.0	5.5	11.5	4.0	7.0	11.0	4.0	6.0	11.5	8.0	9.0
8	8.5	1.5	3.5	11.0	4.0	7.0	14.0	3.0	7.0	14.0	7.0	9.5
9	8.5	1.5	3.5	11.5	3.5	6.5	15.0	4.0	8.0	13.5	7.0	9.0
10	9.0	2.0	4.5	13.0	4.0	7.0	11.0	5.0	7.5	15.0	7.0	10.0
11	10.0	2.5	4.5	10.0	4.0	6.5	12.0	4.0	6.5	12.0	7.0	8.5
12	9.5	2.5	5.0	9.5	4.0	6.0	13.0	4.0	6.5	12.0	6.0	7.5
13	10.0	4.5	6.0	12.5	3.0	6.5	14.0	3.0	7.0	11.0	6.5	7.5
14	8.5	6.0	6.5	13.0	4.0	7.0	16.0	4.0	8.5	11.5	5.0	8.0
15	9.0	5.5	6.5	12.5	4.0	7.0	14.0	4.5	8.5	14.0	5.5	8.5
16	10.5	5.5	7.0	10.0	2.5	5.5	15.5	4.5	8.5	12.0	6.0	8.5
17	9.0	5.0	6.5	11.5	2.0	5.5	16.0	4.0	8.5	13.0	5.5	8.0
18	12.5	3.0	6.5	13.0	3.0	7.0	16.5	4.0	9.0	13.0	5.0	8.5
19	10.5	5.0	6.5	13.0	5.0	7.5	17.0	5.0	9.5	16.5	5.5	9.5
20	8.5	6.0	6.5	14.0	4.0	6.5	17.0	5.0	9.5	16.5	6.0	10.0
21	9.5	5.5	6.5	14.0	4.0	7.5	17.0	6.0	10.0	16.5	6.0	10.0
22	9.0	5.5	6.5	9.0	4.0	6.5	13.0	6.0	9.5	17.0	6.0	10.5
23	8.5	3.0	6.0	12.0	4.0	7.0	14.0	6.0	9.0	15.5	6.5	10.0
24	10.5	3.0	5.5	14.0	5.0	7.5	11.5	6.5	8.5	13.5	5.5	8.0
25	11.5	2.5	5.5	9.0	4.5	5.5	16.0	5.0	9.0	12.5	4.5	8.0
26	11.5	3.5	6.0	12.0	3.0	6.5	16.5	5.0	8.5	14.5	4.5	8.5
27	12.5	4.0	5.5	14.0	3.0	7.0	16.5	5.0	9.5	16.0	5.0	9.5
28	12.0	4.0	7.0	9.0	5.0	6.0	13.0	5.0	9.0	16.5	5.0	9.5
29	9.5	5.5	6.5	11.0	4.0	7.0	13.5	6.5	9.5	13.5	6.0	9.0
30	---	---	---	9.0	3.0	5.0	14.0	7.0	9.5	16.0	5.5	9.5
31	---	---	---	11.0	4.0	6.0	---	---	---	15.0	5.0	9.5

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	14.5	5.0	8.5	16.5	9.5	11.5	14.0	9.0	11.0			
2	15.5	5.0	9.5	14.0	9.5	11.0	15.0	8.5	11.0			
3	16.5	6.0	10.0	17.0	9.0	12.0	14.5	8.0	10.5			
4	17.5	6.0	11.0	17.0	8.5	12.0	14.5	7.5	10.5			
5	17.5	6.0	10.5	17.0	8.0	12.5	15.0	8.0	11.0			
6	17.0	6.0	10.5	17.0	8.0	11.5	15.5	8.5	11.0			
7	17.5	6.5	11.0	14.5	8.5	11.5	15.0	8.0	11.0			
8	17.0	6.0	11.0	16.5	9.0	12.0	15.0	8.0	11.0			
9	18.5	6.5	11.0	15.0	8.5	11.5	14.5	9.0	11.0			
10	17.5	7.0	11.0	15.5	9.0	11.5	15.0	8.5	11.0			
11	17.0	7.5	11.0	14.0	9.5	10.5	14.5	7.5	10.5			
12	16.5	7.5	11.0	---	---	---	15.0	7.5	10.5			
13	16.5	7.0	11.0	---	---	---	13.0	8.5	10.5			
14	16.5	7.0	11.0	---	---	---	12.0	9.0	10.0			
15	16.5	7.0	10.5	---	---	---	---	---	---			
16	16.5	6.5	10.5	15.5	9.0	12.0	---	---	---			
17	17.0	7.0	11.0	15.5	8.0	11.0	---	---	---			
18	17.5	7.5	11.5	15.5	8.0	11.0	---	---	---			
19	15.0	8.5	12.0	15.0	9.0	11.0	---	---	---			
20	17.0	7.5	11.5	15.0	8.0	11.0	---	---	---			
21	17.0	7.5	11.0	15.5	8.0	11.0	---	---	---			
22	17.0	7.5	11.5	15.5	8.0	11.0	---	---	---			
23	15.0	7.5	11.0	13.5	8.5	10.5	---	---	---			
24	17.0	7.0	11.0	15.0	8.5	10.5	---	---	---			
25	17.5	7.0	11.5	14.5	8.0	10.5	---	---	---			
26	17.5	8.0	11.5	15.0	8.0	11.0	---	---	---			
27	17.0	8.0	11.5	15.0	8.0	11.0	---	---	---			
28	17.0	7.0	11.0	15.5	8.0	11.0	---	---	---			
29	17.5	7.5	11.5	15.0	8.0	10.5	---	---	---			
30	16.5	9.5	11.5	14.5	9.0	11.0	---	---	---			
31	---	---	---	14.5	8.5	11.0	---	---	---			
YEAR	18.5	1.0	8.0									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306025 WEST FORK STEWART GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394701 LONGITUDE 1081121 DRAINAGE AREA 14.20 DATUM 6668.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306025 WEST FORK STEWART GULCH NEAR RIO P' CO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394701 LONGITUDE 1081121 DRAINAGE AREA 14.20 DATUM 6668.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			---									
2			---									
3			---									
4			---									
5			---									
6			---									
7			---									
8			---									
9			---									
10			---									
11			---									
12			---									
13			---									
14			---									
15			---									
16			---									
17			---									
18			100									
19			---									
20			---									
21			---									
22			---									
23			---									
24			---									
25			---									
26			---									
27			---									
28			---									
29			---									
30												
31												

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306025 WEST FORK STEWART GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394701 LONGITUDE 1081121 DRAINAGE AREA 14.20 DATUM 6668.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
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22												
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24												
25												
26												
27												
28												
29												
30												
31												
YEAR	---	---	100									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306025 WEST FORK STEWART GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394701 LONGITUDE 1091121 DRAINAGE AREA 14.20 DATUM 6668.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1												
2												
3												
4												
5												
6												
7												
8												
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10												
11												
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31												

STATION NUMBER 09306025 WEST FORK STEWART GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394701 LONGITUDE 1091121 DRAINAGE AREA 14.20 DATUM 6668.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---						
2	---	---	---	---	---	---						
3	---	---	---	---	---	---						
4	---	---	---	---	---	---						
5	---	---	---	---	---	---						
6	---	---	---	---	---	---						
7	---	---	---	---	---	---						
8	---	---	---	---	---	---						
9	---	---	---	---	---	---						
10	---	---	---	---	---	---						
11	---	---	---	---	---	---						
12	---	---	---	---	---	---						
13	---	---	---	---	---	---						
14	---	---	---	3.5	.5	1.0						
15	---	---	---	7.5	3.5	2.0						
16	---	---	---	---	---	---						
17	---	---	---	---	---	---						
18	.5	.0	.0	---	---	---						
19	.5	.0	.0	---	---	---						
20	.5	.0	.0	---	---	---						
21	.0	.0	.0	---	---	---						
22	---	---	---	---	---	---						
23	---	---	---	---	---	---						
24	---	---	---	---	---	---						
25	---	---	---	---	---	---						
26	---	---	---	---	---	---						
27	.5	.0	.0	---	---	---						
28	.5	.0	.0	---	---	---						
29	.5	.0	.0	---	---	---						
30	---	---	---	---	---	---						
31	---	---	---	---	---	---						

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306025 WEST FORK STEWART GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394701 LONGITUDE 1081121 DRAINAGE AREA 14.20 DATUM 6668.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
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23												
24												
25												
26												
27												
28												
29												
30												
31												
YEAR	7.5	.0	.5									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

STATION NUMBER 09306028 W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394845 LONGITUDE 1081100 DRAINAGE AREA 15.70 DATUM 6443.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
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27												
28												
29												
30												
31												

UNITED STATES DEPARTMENT . INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 1 2-29-80

STATION NUMBER 09306028 W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394845 LONGITUDE 1081100 DRAINAGE AREA 15.70 DATUM 6443.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	135	91	106						
2	---	---	---	---	---	---						
3	---	---	---	106	88	88						
4	---	---	---	110	77	97						
5	---	---	---	94	72	80						
6	---	---	---	---	---	---						
7	---	---	---	---	---	---						
8	---	---	---	---	---	---						
9	---	---	---	---	---	---						
10	---	---	---	---	---	---						
11	---	---	---	---	---	---						
12	---	---	---	---	---	---						
13	---	---	---	---	---	---						
14	---	---	---	106	77	92						
15	---	---	---	103	81	89						
16	---	---	---	---	---	---						
17	---	---	---	---	---	---						
18	115	76	104	---	---	---						
19	146	91	116	---	---	---						
20	144	74	116	---	---	---						
21	157	102	128	---	---	---						
22	132	106	111	---	---	---						
23	---	---	---	---	---	---						
24	---	---	---	---	---	---						
25	---	---	---	---	---	---						
26	---	---	---	---	---	---						
27	114	68	100	---	---	---						
28	122	97	111	---	---	---						
29	140	95	109	---	---	---						
30	---	---	---	---	---	---						
31	---	---	---	---	---	---						

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306028 W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394845 LONGITUDE 1081100 DRAINAGE AREA 15.70 DATUM 6443.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
4												
5												
6												
7												
8												
9												
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11												
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21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
YEAR	157	68	103									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12-29-80

STATION NUMBER 09306028 W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394845 LONGITUDE 1081100 DRAINAGE AREA 15.70 DATUM 6443.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1												
2												
3												
4												
5												
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29												
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31												

STATION NUMBER 09306028 W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394845 LONGITUDE 1081100 DRAINAGE AREA 15.70 DATUM 6443.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	1.0	.0	.0						
2	---	---	---	---	---	---						
3	---	---	---	1.5	.0	.0						
4	---	---	---	2.0	.0	.0						
5	---	---	---	2.5	.0	.5						
6	---	---	---	---	---	---						
7	---	---	---	---	---	---						
8	---	---	---	---	---	---						
9	---	---	---	---	---	---						
10	---	---	---	---	---	---						
11	---	---	---	---	---	---						
12	---	---	---	---	---	---						
13	---	---	---	---	---	---						
14	---	---	---	8.5	.0	1.0						
15	---	---	---	12.5	3.0	6.5						
16	---	---	---	---	---	---						
17	---	---	---	---	---	---						
18	.0	.0	.0	---	---	---						
19	1.5	1.0	1.0	---	---	---						
20	1.0	1.0	1.0	---	---	---						
21	1.0	1.0	1.0	---	---	---						
22	1.5	.5	1.0	---	---	---						
23	---	---	---	---	---	---						
24	---	---	---	---	---	---						
25	---	---	---	---	---	---						
26	---	---	---	---	---	---						
27	.5	.0	.0	---	---	---						
28	.0	.0	.0	---	---	---						
29	.0	.0	.0	---	---	---						
30	---	---	---	---	---	---						
31	---	---	---	---	---	---						

UNITED STATES DEPARTMENT O NTERIOR - GEOLOGICAL SURVEY PROCESS DATE 15 29-80

STATION NUMBER 09306028 W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394845 LONGITUDE 1091100 DRAINAGE AREA 15.70 DATUM 6443.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
4												
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22												
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24												
25												
26												
27												
28												
29												
30												
31												
YEAR	12.5	.0	1.0									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306033 SORGHUM GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394707 LONGITUDE 1091233 DRAINAGE AREA 1.22 DATUM 6843.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
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18												
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22												
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24												
25												
26												
27												
28												
29												
30												
31												

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306033 SORGHUM GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394707 LONGITUDE 1081233 DRAINAGE AREA 1.22 DATUM 6843.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1										940	742	895
2										933	886	912
3										933	894	910
4										927	844	904
5										933	880	907
6										921	858	899
7										912	847	867
8										894	844	865
9										915	818	888
10										921	842	900
11										894	823	850
12										836	765	798
13										829	790	807
14										808	775	794
15										818	777	790
16										790	611	721
17										780	731	748
18										785	702	728
19										752	678	718
20										745	658	701
21										724	650	687
22										715	654	684
23										726	650	688
24										708	641	674
25										---	---	---
26										---	---	---
27										---	---	---
28										726	689	707
29										699	670	685
30										713	666	690
31										717	658	688

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12-29-80

STATION NUMBER 09306033 SORGHUM GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394707 LONGITUDE 1081233 DRAINAGE AREA 1.22 DATUM 6843.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	726	676	701									
2	682	645	663									
3	---	---	---									
4	---	---	---									
5	---	---	---									
6	---	---	---									
7	---	---	---									
8	---	---	---									
9	---	---	---									
10	---	---	---									
11	---	---	---									
12	---	---	---									
13	---	---	---									
14	---	---	---									
15	---	---	---									
16	---	---	---									
17	---	---	---									
18	---	---	---									
19	---	---	---									
20	---	---	---									
21	---	---	---									
22	---	---	---									
23	---	---	---									
24	---	---	---									
25	---	---	---									
26	---	---	---									
27	---	---	---									
28	---	---	---									
29	---	---	---									
30	---	---	---									
31	---	---	---									
YEAR	940	611	782									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306033 SORGHUM GULCH NEAR RIO LANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394707 LONGITUDE 1081233 DRAINAGE AREA 1.22 DATUM 6843.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
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15												
16												
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18												
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22												
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24												
25												
26												
27												
28												
29												
30												
31												

STATION NUMBER 09306033 SORGHUM GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394707 LONGITUDE 1081233 DRAINAGE AREA 1.22 DATUM 6843.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1										18.0	5.0	11.5
2										19.5	3.0	9.5
3										21.0	1.5	9.0
4										26.0	4.0	10.5
5										23.0	4.5	10.5
6										21.5	5.0	11.0
7										15.0	6.0	10.0
8										25.0	6.0	11.0
9										21.0	5.0	10.0
10										23.5	5.0	11.5
11										17.0	4.5	8.5
12										16.5	1.5	6.0
13										17.5	2.0	7.0
14										17.5	.5	8.0
15										25.0	2.0	8.5
16										16.0	3.0	8.5
17										20.0	.0	8.0
18										22.5	2.0	10.5
19										25.0	3.5	12.5
20										29.0	4.5	14.0
21										31.0	5.5	15.0
22										28.0	6.0	14.5
23										26.0	4.5	12.0
24										21.5	.0	6.5
25										---	---	---
26										---	---	---
27										---	---	---
28										25.5	4.0	10.5
29										21.0	.5	---
30										18.0	.0	---
31										21.0	.0	---

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 1S 29-80

STATION NUMBER 09306033 SORGHUM GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394707 LONGITUDE 1081233 DRAINAGE AREA 1.22 DATUM 6843.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	21.5	.5										
2	15.5	2.0										
3	---	---										
4	---	---										
5	---	---										
6	---	---										
7	---	---										
8	---	---										
9	---	---										
10	---	---										
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12	---	---										
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18	---	---										
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23	---	---										
24	---	---										
25	---	---										
26	---	---										
27	---	---										
28	---	---										
29	---	---										
30	---	---										
31	---	---										
YEAR	31.0	.0	10.0									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306036 SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1081155 DRAINAGE AREA 3.62 DATUM 6372.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306036 SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1081155 DRAINAGE AREA 3.62 DATUM 6372.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
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24												
25												
26												
27												
28												
29												
30												
31												

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306036 SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1081155 DRAINAGE AREA 3.62 DATUM 6372.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1				---	---	---						
2				112	103	108						
3				179	167	173						
4				---	---	---						
5				---	---	---						
6				---	---	---						
7				---	---	---						
8				---	---	---						
9				---	---	---						
10				---	---	---						
11				---	---	---						
12				---	---	---						
13				---	---	---						
14				---	---	---						
15				---	---	---						
16				---	---	---						
17				---	---	---						
18				---	---	---						
19				---	---	---						
20				---	---	---						
21				---	---	---						
22				---	---	---						
23				---	---	---						
24				---	---	---						
25				---	---	---						
26				---	---	---						
27				---	---	---						
28				---	---	---						
29				---	---	---						
30				---	---	---						
31				---	---	---						
YEAR	179	103	141									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306036 SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1081155 DRAINAGE AREA 3.62 DATUM 6372.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1												
2												
3												
4												
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6												
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27												
28												
29												
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31												

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 15 29-80

STATION NUMBER 09306036 SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1081155 DRAINAGE AREA 3.62 DATUM 6372.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
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17												
18												
19												
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26												
27												
28												
29												
30												
31												

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306036 SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1081155 DRAINAGE AREA 3.62 DATUM 6372.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1				---	---	---						
2				26.0	25.0	25.5						
3				17.0	15.0	16.0						
4				---	---	---						
5				---	---	---						
6				---	---	---						
7				---	---	---						
8				---	---	---						
9				---	---	---						
10				---	---	---						
11				---	---	---						
12				---	---	---						
13				---	---	---						
14				---	---	---						
15				---	---	---						
16				---	---	---						
17				---	---	---						
18				---	---	---						
19				---	---	---						
20				---	---	---						
21				---	---	---						
22				---	---	---						
23				---	---	---						
24				---	---	---						
25				---	---	---						
26				---	---	---						
27				---	---	---						
28				---	---	---						
29				---	---	---						
30				---	---	---						
31				---	---	---						
YEAR	26.0	15.0	21.0									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306039 COTTONWOOD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394936 LONGITUDE 1081225 DRAINAGE AREA 1.20 DATUM 6353.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 29-80

STATION NUMBER 09306039 COTTONWOOD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394936 LONGITUDE 1081225 DRAINAGE AREA 1.20 DATUM 6353.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1							---	---	---			
2							---	---	---			
3							---	---	---			
4							---	---	---			
5							---	---	---			
6							---	---	---			
7							---	---	---			
8							---	---	---			
9							---	---	---			
10							---	---	---			
11							---	---	---			
12							---	---	---			
13							---	---	---			
14							---	---	---			
15							---	---	---			
16							---	---	---			
17							---	---	---			
18							---	---	---			
19							---	---	---			
20							---	---	---			
21							---	---	---			
22							---	---	---			
23							983	945	957			
24							983	941	955			
25							983	931	950			
26							---	---	---			
27							---	---	---			
28							---	---	---			
29							---	---	---			
30							1010	915	955			
31							---	---	---			

6039

LATITUDE 4:5:47 LONGITUDE 1091336 DRAINAGE AREA 1.30 DATUM 7464.00 STATE 09 COUNTY 104

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1				---	---	---	---	---	---			
2				3690	1910	2660	---	---	---			
3				---	---	---	---	---	---			
4				---	---	---	---	---	---			
5				---	---	---	---	---	---			
6				---	---	---	---	---	---			
7				---	---	---	---	---	---			
8				---	---	---	---	---	---			
9				---	---	---	---	---	---			
10				---	---	---	---	---	---			
11				---	---	---	---	---	---			
12				---	---	---	---	---	---			
13				---	---	---	---	---	---			
14				---	---	---	---	---	---			
15				---	---	---	---	---	---			
16				---	---	---	---	---	---			
17				---	---	---	---	---	---			
18				---	---	---	---	---	---			
19				---	---	---	---	---	---			
20				---	---	---	---	---	---			
21				---	---	---	2600	1610	2010			
22				---	---	---	---	---	---			
23				---	---	---	---	---	---			
24				---	---	---	---	---	---			
25				---	---	---	---	---	---			
26				---	---	---	---	---	---			
27				---	---	---	---	---	---			
28				---	---	---	---	---	---			
29				---	---	---	---	---	---			
30				---	---	---	---	---	---			
31				---	---	---	---	---	---			
YEAR	3690	915	1410									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306039 COTTONWOOD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394936 LONGITUDE 1081225 DRAINAGE AREA 1.20 DATUM 6353.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
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16												
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18												
19												
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21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306039 COTTONWOOD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394936 LONGITUDE 1081225 DRAINAGE AREA 1.20 DATUM 6353.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1							---	---	---			
2							---	---	---			
3							---	---	---			
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16							---	---	---			
17							---	---	---			
18							---	---	---			
19							---	---	---			
20							---	---	---			
21							---	---	---			
22							---	---	---			
23							20.0	5.5	10.0			
24							14.0	3.0	7.5			
25							15.5	.0	7.5			
26							---	---	---			
27							---	---	---			
28							---	---	---			
29							---	---	---			
30							10.5	7.5	11.0			
31							---	---	---			

STATION NUMBER 09306039 COTTONWOOD GULCH NEAR [illegible]O BLANCO, CO. STREAM SOURCE AGENCY US
LATITUDE 394936 LONGITUDE 1081225 DRAINAGE AREA 1.20 DATUM 6353.00 STATE 08 COUNTY 10[illegible]

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1				---	---	---	---	---	---			
2				23.5	19.5	21.5	---	---	---			
3				---	---	---	---	---	---			
4				---	---	---	---	---	---			
5				---	---	---	---	---	---			
6				---	---	---	---	---	---			
7				---	---	---	---	---	---			
8				---	---	---	---	---	---			
9				---	---	---	---	---	---			
10				---	---	---	---	---	---			
11				---	---	---	---	---	---			
12				---	---	---	---	---	---			
13				---	---	---	---	---	---			
14				---	---	---	---	---	---			
15				---	---	---	---	---	---			
16				---	---	---	---	---	---			
17				---	---	---	---	---	---			
18				---	---	---	---	---	---			
19				---	---	---	---	---	---			
20				---	---	---	---	---	---			
21				---	---	---	19.0	9.0	16.0			
22				---	---	---	---	---	---			
23				---	---	---	---	---	---			
24				---	---	---	---	---	---			
25				---	---	---	---	---	---			
26				---	---	---	---	---	---			
27				---	---	---	---	---	---			
28				---	---	---	---	---	---			
29				---	---	---	---	---	---			
30				---	---	---	---	---	---			
31				---	---	---	---	---	---			
YEAR	23.5	.0	12.5									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306042 PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395001 LONGITUDE 1081312 DRAINAGE AREA 1.06 DATUM 6335.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1												
2												
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306042 PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395001 LONGITUDE 1081312 DRAINAGE AREA 1.06 DATUM 6335.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1							---	---	---	---	---	---
2							---	---	---	---	---	---
3							---	---	---	---	---	---
4							---	---	---	---	---	---
5							---	---	---	---	---	---
6							---	---	---	---	---	---
7							---	---	---	---	---	---
8							---	---	---	1980	1830	1990
9							---	---	---	2080	1940	2030
10							---	---	---	2020	1840	1930
11							---	---	---	1840	1720	1790
12							---	---	---	1770	1710	1740
13							---	---	---	1700	1680	1690
14							---	---	---	1720	1620	1690
15							2140	2070	2090	1900	1730	1830
16							2190	1160	1970	1880	1800	1830
17							2080	1770	2040	1800	1690	1770
18							---	---	---	1770	1720	1750
19							---	---	---	1790	1720	1750
20							---	---	---	2110	1810	1890
21							---	---	---	---	---	---
22							---	---	---	---	---	---
23							---	---	---	---	---	---
24							---	---	---	---	---	---
25							---	---	---	---	---	---
26							---	---	---	---	---	---
27							---	---	---	---	---	---
28							---	---	---	---	---	---
29							---	---	---	---	---	---
30							---	---	---	---	---	---
31							---	---	---	---	---	---

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306042 PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395001 LONGITUDE 1081312 DRAINAGE AREA 1.06 DATUM 6335.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	1820	1380	1730						
2	---	---	---	1580	958	1460						
3	---	---	---	1840	1540	1720						
4	---	---	---	1840	1730	1770						
5	---	---	---	1830	1340	1670						
6	---	---	---	1760	1420	1680						
7	---	---	---	1760	1660	1700						
8	---	---	---	1850	1620	1770						
9	---	---	---	1820	1780	1790						
10	1880	1770	1830	---	---	---						
11	1770	1690	1730	---	---	---						
12	1760	1750	1760	---	---	---						
13	---	---	---	---	---	---						
14	---	---	---	---	---	---						
15	---	---	---	---	---	---						
16	---	---	---	---	---	---						
17	---	---	---	---	---	---						
18	1760	1730	1740	---	---	---						
19	---	---	---	---	---	---						
20	---	---	---	---	---	---						
21	---	---	---	---	---	---						
22	---	---	---	---	---	---						
23	---	---	---	---	---	---						
24	1710	1510	1580	---	---	---						
25	1870	1750	1770	---	---	---						
26	---	---	---	---	---	---						
27	---	---	---	---	---	---						
28	---	---	---	---	---	---						
29	---	---	---	---	---	---						
30	1900	1760	1820	---	---	---						
31	---	---	---	---	---	---						
YEAR	2190	958	1790									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306042 PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395001 LONGITUDE 1081312 DRAINAGE AREA 1.06 DATUM 6335.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
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31												

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306042 PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395001 LONGITUDE 1091312 DRAINAGE AREA 1.06 DATUM 6335.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1							---	---	---	---	---	---
2							---	---	---	---	---	---
3							---	---	---	---	---	---
4							---	---	---	---	---	---
5							---	---	---	---	---	---
6							---	---	---	---	---	---
7							---	---	---	---	---	---
8							---	---	---	22.5	9.0	13.5
9							---	---	---	19.0	9.5	12.0
10							---	---	---	19.5	9.0	13.0
11							---	---	---	15.5	8.5	11.5
12							---	---	---	15.0	6.5	9.0
13							---	---	---	15.5	7.5	11.5
14							---	---	---	16.0	6.0	10.0
15							12.0	6.5	8.5	21.0	7.0	12.0
16							19.5	5.0	10.0	19.5	9.0	13.0
17							21.0	5.5	12.0	18.0	8.5	12.0
18							---	---	---	21.5	7.0	13.0
19							---	---	---	24.5	8.5	15.0
20							---	---	---	25.5	9.5	16.5
21							---	---	---	---	---	---
22							---	---	---	---	---	---
23							---	---	---	---	---	---
24							---	---	---	---	---	---
25							---	---	---	---	---	---
26							---	---	---	---	---	---
27							---	---	---	---	---	---
28							---	---	---	---	---	---
29							---	---	---	---	---	---
30							---	---	---	---	---	---
31							---	---	---	---	---	---

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306042 PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395001 LONGITUDE 1081312 DRAINAGE AREA 1.06 DATUM 6335.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	31.5	17.0	26.5						
2	---	---	---	24.5	17.0	19.5						
3	---	---	---	30.5	15.5	21.0						
4	---	---	---	30.5	14.0	20.5						
5	---	---	---	30.0	10.0	19.0						
6	---	---	---	23.0	5.5	14.5						
7	---	---	---	26.0	13.5	18.5						
8	---	---	---	30.0	15.5	21.0						
9	---	---	---	27.5	14.5	17.5						
10	19.5	14.5	17.0	---	---	---						
11	28.0	11.5	18.0	---	---	---						
12	27.5	10.5	18.0	---	---	---						
13	---	---	---	---	---	---						
14	---	---	---	---	---	---						
15	---	---	---	---	---	---						
16	---	---	---	---	---	---						
17	---	---	---	---	---	---						
18	28.5	9.5	22.5	---	---	---						
19	---	---	---	---	---	---						
20	---	---	---	---	---	---						
21	---	---	---	---	---	---						
22	---	---	---	---	---	---						
23	---	---	---	---	---	---						
24	29.0	19.5	25.0	---	---	---						
25	29.5	21.5	26.0	---	---	---						
26	29.0	21.0	26.5	---	---	---						
27	29.0	24.5	27.5	---	---	---						
28	29.0	21.0	25.5	---	---	---						
29	29.5	22.0	26.0	---	---	---						
30	31.5	18.5	24.5	---	---	---						
31	---	---	---	---	---	---						
YEAR	31.5	5.0	17.5									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306050 SCANDARD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394738 LONGITUDE 1081340 DRAINAGE AREA 6.61 DATUM 6646.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1												
2												
3												
4												
5												
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306050 SCANDARD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394738 LONGITUDE 1081340 DRAINAGE AREA 6.61 DATUM 6646.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			---									
2			---									
3			---									
4			---									
5			---									
6			---									
7			---									
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12			---									
13			---									
14			---									
15			---									
16			---									
17			---									
18			---									
19			95									
20			---									
21			---									
22			---									
23			---									
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31												

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306050 SCANDARD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394738 LONGITUDE 1081340 DRAINAGE AREA 6.61 DATUM 6646.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
4												
5												
6												
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28												
29												
30												
31												
YEAR	---	---	95									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306050 SCANDARD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394738 LONGITUDE 1081340 DRAINAGE AREA 6.61 DATUM 6646.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1												
2												
3												
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306050 SCANDARD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394738 LONGITUDE 1081340 DRAINAGE AREA 6.61 DATUM 6646.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---									
2	---	---	---									
3	---	---	---									
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15	---	---	---									
16	---	---	---									
17	---	---	---									
18	---	---	---									
19	.0	.0	.0									
20	---	---	---									
21	---	---	---									
22	---	---	---									
23	---	---	---									
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31	---	---	---									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306050 SCANDARD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394738 LONGITUDE 1081340 DRAINAGE AREA 6.61 DATUM 6646.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
4												
5												
6												
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19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
YEAR	.0	.0	.0									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306052 SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394851 LONGITUDE 1081435 DRAINAGE AREA 7.97 DATUM 6434.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
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17												
18												
19												
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21												
22												
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24												
25												
26												
27												
28												
29												
30												
31												

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306052 SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394851 LONGITUDE 1081435 DRAINAGE AREA 7.97 DATUM 6434.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			---	---	---	---						
2			---	---	---	---						
3			---	---	---	---						
4			---	---	---	---						
5			---	---	---	---						
6			---	---	---	---						
7			---	---	---	---						
8			---	---	---	---						
9			---	---	---	---						
10			---	---	---	---						
11			---	---	---	---						
12			---	---	---	---						
13			---	---	---	---						
14			---	---	---	---						
15			---	176	106	142						
16			---	---	---	---						
17			---	---	---	---						
18			---	138	111	129						
19			220	140	117	132						
20			---	146	126	136						
21			---	140	109	126						
22			---	---	---	---						
23			---	---	---	---						
24			---	---	---	---						
25			---	---	---	---						
26			---	---	---	---						
27			---	---	---	---						
28			---	---	---	---						
29			---	---	---	---						
30				---	---	---						
31				---	---	---						

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306052 SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394851 LONGITUDE 1081435 DRAINAGE AREA 7.97 DATUM 6434.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
YEAR	176	106	148									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306052 SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394851 LONGITUDE 1081435 DRAINAGE AREA 7.97 DATUM 6434.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306052 SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394851 LONGITUDE 1081435 DRAINAGE AREA 7.97 DATUM 6434.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---						
2	---	---	---	---	---	---						
3	---	---	---	---	---	---						
4	---	---	---	---	---	---						
5	---	---	---	---	---	---						
6	---	---	---	---	---	---						
7	---	---	---	---	---	---						
8	---	---	---	---	---	---						
9	---	---	---	---	---	---						
10	---	---	---	---	---	---						
11	---	---	---	---	---	---						
12	---	---	---	---	---	---						
13	---	---	---	---	---	---						
14	---	---	---	---	---	---						
15	---	---	---	6.5	3.0	---						
16	---	---	---	---	---	---						
17	---	---	---	---	---	---						
18	.5	.5	.5	9.0	.0	---						
19	.0	.0	.0	13.0	.0	6.0						
20	1.0	.0	.0	16.5	.0	8.0						
21	.0	.0	.0	19.5	.0	10.0						
22	---	---	---	---	---	---						
23	---	---	---	---	---	---						
24	---	---	---	---	---	---						
25	---	---	---	---	---	---						
26	---	---	---	---	---	---						
27	---	---	---	---	---	---						
28	---	---	---	---	---	---						
29	---	---	---	---	---	---						
30	---	---	---	---	---	---						
31	---	---	---	---	---	---						

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306052 SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394851 LONGITUDE 1081435 DRAINAGE AREA 7.97 DATUM 6434.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
YEAR	19.5	.0	3.5									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---						
2	---	---	---	---	---	---						
3	---	---	---	---	---	---						
4	---	---	---	---	---	---						
5	---	---	---	---	---	---						
6	---	---	---	---	---	---						
7	---	---	---	---	---	---						
8	---	---	---	---	---	---						
9	---	---	---	---	---	---						
10	---	---	---	8.4	8.3	8.4						
11	---	---	---	8.3	8.1	8.2						
12	---	---	---	8.4	8.1	8.2						
13	---	---	---	8.3	8.2	8.3						
14	---	---	---	8.4	8.3	8.3						
15	---	---	---	8.4	8.2	8.3						
16	---	---	---	---	---	---						
17	---	---	---	---	---	---						
18	8.2	8.0	8.1	---	---	---						
19	8.1	7.9	8.0	---	---	---						
20	8.1	8.0	8.0	---	---	---						
21	8.1	8.0	8.0	---	---	---						
22	8.1	8.0	8.0	---	---	---						
23	8.1	7.9	8.0	8.5	8.4	8.5						
24	8.3	8.0	8.2	8.4	8.3	8.4						
25	8.4	8.2	8.3	8.3	8.2	8.3						
26	8.4	8.2	8.3	8.3	8.2	8.2						
27	8.4	8.2	8.3	8.3	8.2	8.3						
28	8.4	8.2	8.3	8.3	8.2	8.3						
29	8.4	8.2	8.4	---	---	---						
30	8.4	8.2	8.3	---	---	---						
31	---	---	---	---	---	---						

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1				---	---	---	8.3	8.1	8.2	8.3	8.2	8.2
2				---	---	---	8.3	8.1	8.2	8.2	8.1	8.2
3				---	---	---	8.3	8.1	8.2	8.2	8.1	8.2
4				---	---	---	8.4	8.2	8.3	8.2	8.1	8.2
5				8.5	8.4	8.4	8.4	8.2	8.3	---	---	---
6				8.6	8.4	8.5	8.4	8.2	8.3	---	---	---
7				8.6	8.5	8.5	8.3	8.2	8.2	---	---	---
8				8.7	8.5	8.6	8.3	8.2	8.2	---	---	---
9				8.7	8.5	8.6	8.4	8.2	8.3	---	---	---
10				8.7	8.6	8.6	8.4	8.3	8.3	---	---	---
11				8.8	8.6	8.7	8.4	8.3	8.4	---	---	---
12				8.7	8.6	8.7	8.5	8.4	8.4	---	---	---
13				8.7	8.6	8.6	8.5	8.4	8.4	8.2	8.0	8.1
14				8.6	8.5	8.5	8.5	8.4	8.4	8.0	7.9	8.0
15				8.6	8.4	8.5	8.5	8.4	8.5	8.0	7.9	7.9
16				8.5	8.3	8.4	8.6	8.4	8.5	8.0	7.9	7.9
17				8.3	8.2	8.1	8.4	8.3	8.3	7.9	7.8	7.9
18				8.3	8.2	8.3	8.4	8.3	8.4	7.9	7.8	7.8
19				8.4	8.2	8.3	8.4	8.3	8.3	7.8	7.7	7.7
20				8.3	8.2	8.3	8.4	8.3	8.3	7.8	7.6	7.7
21				8.4	8.2	8.3	8.4	8.3	8.3	7.7	7.6	7.6
22				8.4	8.2	8.3	8.3	8.3	8.3	7.7	7.6	7.6
23				8.4	8.2	8.3	8.3	8.2	8.3	7.7	7.6	7.6
24				8.4	8.2	8.3	8.3	8.3	8.3	7.8	7.6	7.7
25				8.4	8.2	8.3	8.4	8.2	8.3	7.8	7.6	7.7
26				8.3	8.2	8.2	8.3	8.2	8.3	7.8	7.6	7.7
27				8.3	8.2	8.2	8.3	8.2	8.3	7.7	7.6	7.7
28				8.4	8.2	8.3	8.3	8.2	8.3	7.7	7.5	7.6
29				8.3	8.2	8.3	8.3	8.2	8.2	7.7	7.5	7.6
30				8.4	8.2	8.2	8.4	8.2	8.3	7.7	7.5	7.6
31				8.3	8.2	8.2	---	---	---	7.7	7.6	7.7

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.7	7.5	7.6	7.9	7.7	7.8	8.4	8.3	8.3			
2	7.7	7.5	7.6	7.8	7.7	7.8	8.4	8.3	8.3			
3	7.7	7.5	7.6	7.9	7.7	7.8	8.4	8.3	8.3			
4	7.7	7.4	7.5	7.8	7.7	7.7	8.4	8.3	8.3			
5	7.6	7.5	7.5	7.8	7.6	7.7	8.4	8.3	8.3			
6	7.7	7.4	7.6	7.7	7.6	7.7	8.4	8.3	8.3			
7	7.6	7.5	7.6	7.8	7.6	7.7	8.4	8.3	8.3			
8	7.7	7.5	7.6	7.8	7.7	7.7	8.4	8.3	8.3			
9	7.6	7.5	7.6	7.8	7.7	7.8	8.4	8.3	8.3			
10	7.7	7.5	7.7	7.9	7.7	7.8	8.4	8.3	8.3			
11	7.9	7.7	7.9	7.8	7.7	7.8	8.4	8.3	8.3			
12	7.9	7.7	7.8	---	---	---	8.4	8.3	8.3			
13	7.9	7.8	7.8	---	---	---	8.3	8.2	8.3			
14	8.0	7.9	7.9	---	---	---	8.3	8.2	8.3			
15	7.9	7.8	7.9	---	---	---	8.3	8.2	8.3			
16	7.8	7.7	7.8	7.8	7.7	7.8	8.3	8.2	8.3			
17	7.9	7.7	7.8	7.8	7.7	7.7	8.3	8.2	8.3			
18	7.9	7.8	7.8	8.0	7.9	7.9	8.3	8.2	8.3			
19	7.8	7.7	7.8	8.0	7.9	7.9	8.3	8.2	8.3			
20	7.9	7.7	7.8	8.0	7.9	7.9	8.3	8.2	8.3			
21	7.8	7.7	7.8	8.0	7.9	7.9	8.3	8.2	8.3			
22	7.8	7.7	7.8	8.3	7.9	8.0	---	---	---			
23	7.8	7.7	7.8	8.2	8.1	8.1	---	---	---			
24	7.8	7.8	7.8	8.3	8.1	8.2	---	---	---			
25	7.9	7.8	7.8	8.4	8.3	8.3	---	---	---			
26	7.9	7.8	7.8	8.4	8.3	8.3	---	---	---			
27	7.9	7.8	7.8	8.4	8.2	8.3	---	---	---			
28	7.9	7.8	7.8	8.4	8.3	8.3	---	---	---			
29	7.9	7.8	7.8	8.4	8.3	8.3	---	---	---			
30	7.9	7.7	7.8	8.4	8.3	8.3	---	---	---			
31	---	---	---	8.4	8.3	8.3	---	---	---			
YEAR	8.8	7.4	8.1									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---		---	---	---	---	---	---
2	---	---	---	---	---		---	---	---	---	---	---
3	---	---	---	---	---		---	---	---	---	---	---
4	---	---	---	---	---		---	---	---	11.2	10.8	---
5	---	---	---	---	---		---	---	---	11.5	10.8	11.2
6	---	---	---	---	---		---	---	---	11.5	11.2	11.3
7	---	---	---	---	---		---	---	---	11.4	11.1	11.3
8	---	---	---	---	---		---	---	---	11.4	10.8	11.1
9	---	---	---	---	---		---	---	---	11.2	10.5	10.9
10	---	---	---	10.2	8.8		---	---	---	11.2	10.2	10.6
11	---	---	---	10.2	9.0		---	---	---	11.2	10.7	11.0
12	---	---	---	10.4	9.0		---	---	---	10.9	10.3	10.6
13	---	---	---	10.4	9.4		---	---	---	10.6	9.5	10.1
14	---	---	---	10.7	9.3		---	---	---	10.4	10.0	10.1
15	---	---	---	10.6	9.3		---	---	---	10.4	9.8	10.1
16	---	---	---	---	---		---	---	---	10.7	10.1	10.4
17	---	---	---	---	---		---	---	---	10.7	9.8	10.3
18	---	---	---	---	---		---	---	---	10.5	9.8	10.2
19	---	---	---	---	---		---	---	---	10.8	10.3	10.5
20	---	---	---	---	---		11.2	10.5	10.7	10.7	9.6	10.4
21	---	---	---	---	---		---	---	---	---	---	---
22	---	---	---	---	---		---	---	---	10.4	9.6	10.0
23	---	---	---	10.1	9.7		---	---	---	10.5	9.6	10.2
24	9.9	8.2	---	10.0	9.4		---	---	---	10.3	9.2	9.8
25	10.1	8.1	9.0	10.1	9.3		---	---	---	---	---	---
26	9.9	8.2	---	9.9	9.1		---	---	---	---	---	---
27	10.2	8.3	---	9.9	9.2		---	---	---	---	---	---
28	10.3	8.5	---	10.1	9.5		---	---	---	---	---	---
29	10.2	8.8	---	---	---		---	---	---	---	---	---
30	10.4	9.1	---	---	---		---	---	---	11.8	11.3	---
31	---	---	---	---	---		---	---	---	---	---	---

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	11.3	9.0	10.2	9.8	8.1	8.9
2	---	---	---	---	---	---	11.2	10.1	10.5	9.9	7.8	8.9
3	---	---	---	---	---	---	9.8	8.8	---	10.0	8.0	8.9
4	12.1	11.3	11.6	---	---	---	10.8	8.3	9.6	---	---	---
5	12.7	11.3	12.0	10.8	10.0	10.5	10.6	8.2	9.5	---	---	---
6	11.9	10.9	11.6	11.3	10.5	10.8	10.7	9.0	9.7	---	---	---
7	11.9	11.1	11.5	11.3	9.6	10.6	11.0	9.3	10.1	---	---	---
8	12.4	11.3	12.0	11.2	9.7	10.5	11.[illegible]	8.5	10.0	---	---	---
9	12.4	11.2	---	11.5	9.9	10.6	11.1	8.4	9.8	---	---	---
10	12.2	11.0	11.9	11.4	9.2	10.4	10.5	8.8	9.5	---	---	---
11	12.0	10.9	11.7	11.3	9.6	10.5	10.9	9.6	10.1	---	---	---
12	12.0	11.5	11.8	11.4	9.8	10.5	11.1	8.9	10.1	---	---	---
13	11.8	10.8	11.4	11.5	9.9	10.7	11.1	8.2	9.8	9.8	6.5	7.8
14	11.6	10.7	11.2	11.5	9.5	10.5	10.8	7.5	9.3	9.8	6.8	7.5
15	11.6	10.8	11.2	11.1	9.6	10.3	10.5	8.0	9.2	7.6	6.7	7.1
16	11.5	10.5	11.0	11.5	10.1	10.8	10.6	7.9	9.3	8.3	7.2	7.6
17	11.5	10.5	11.0	11.5	10.4	11.2	10.6	8.4	9.3	8.9	7.4	7.9
18	11.6	10.1	11.0	11.7	9.5	10.8	11.1	8.3	9.7	9.0	7.1	7.9
19	11.5	11.3	11.4	11.4	.0	10.4	11.0	8.0	9.5	8.3	6.8	7.5
20	---	---	---	11.7	9.5	10.6	10.9	7.9	9.5	8.3	6.8	7.6
21	---	---	---	11.4	9.4	10.4	10.6	7.9	9.2	8.0	6.5	7.2
22	---	---	---	11.1	10.0	10.5	10.2	8.1	9.1	.0	6.8	7.2
23	---	---	---	11.2	9.6	10.3	10.2	8.1	9.1	7.8	7.0	7.4
24	---	---	---	11.3	9.3	10.3	9.8	8.5	9.1	8.3	7.4	7.8
25	---	---	---	11.2	10.3	10.6	10.3	7.7	9.0	8.7	7.5	8.0
26	---	---	---	11.4	9.6	10.5	10.2	7.6	9.0	8.6	7.5	8.0
27	---	---	---	11.1	9.4	10.4	10.2	7.5	8.9	8.5	7.1	7.7
28	---	---	---	11.3	10.2	10.7	10.1	7.4	8.7	8.3	7.2	7.7
29	---	---	---	11.2	9.4	10.4	---	---	---	8.3	7.2	7.6
30	---	---	---	11.4	9.9	10.7	9.6	8.0	8.8	8.4	7.3	7.8
31	---	---	---	11.2	9.7	10.5	---	---	---	8.7	7.4	8.0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.7	7.0	7.7	7.9	5.9	6.7						
2	7.8	6.7	7.1	---	---	---						
3	7.6	6.7	7.1	---	---	---						
4	7.8	6.6	7.2	---	---	---						
5	8.6	6.5	7.4	---	---	---						
6	8.8	6.3	7.4	---	---	---						
7	8.7	6.4	7.3	---	---	---						
8	8.9	6.0	7.3	---	---	---						
9	8.7	5.5	7.0	---	---	---						
10	7.0	5.7	6.4	---	---	---						
11	7.0	6.1	6.5	---	---	---						
12	8.0	7.2	7.5	---	---	---						
13	8.1	7.0	7.5	---	---	---						
14	8.0	7.4	---	---	---	---						
15	8.2	7.4	---	---	---	---						
16	8.1	7.0	7.5	---	---	---						
17	8.0	7.0	7.5	---	---	---						
18	7.4	7.0	7.2	5.3	4.3	4.7						
19	8.0	7.3	7.6	5.1	4.2	4.6						
20	7.8	6.9	7.4	5.0	4.1	4.5						
21	7.8	7.1	7.4	4.9	4.0	4.4						
22	7.7	7.0	7.3	8.4	4.0	5.8						
23	7.8	7.0	7.5	8.4	6.7	7.2						
24	8.0	7.5	7.7	7.7	6.3	7.1						
25	7.8	6.9	7.3	8.3	6.9	7.4						
26	7.8	6.8	7.3	8.2	6.8	7.5						
27	7.8	6.7	7.3	8.0	6.4	7.3						
28	8.0	6.6	7.3	---	---	---						
29	8.0	6.7	7.4	---	---	---						
30	8.0	6.1	7.0	---	---	---						
31	---	---	---	---	---	---						
YEAR	12.7	.0	9.1									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980
PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	---	---	---	1240	1200	1220
2	---	---	---	---	---	---	---	---	---	1230	1190	1210
3	---	---	---	---	---	---	---	---	---	1260	1190	1220
4	---	---	---	---	---	---	---	---	---	1240	1210	1220
5	---	---	---	---	---	---	---	---	---	1240	1200	1220
6	---	---	---	---	---	---	---	---	---	1300	1220	1250
7	---	---	---	---	---	---	---	---	---	1260	1190	1240
8	---	---	---	---	---	---	---	---	---	1260	1210	1240
9	---	---	---	---	---	---	---	---	---	1270	1220	1240
10	---	0	---	1240	1210	1220	---	---	---	1250	1170	1210
11	---	---	---	1230	1210	1220	---	---	---	1340	1210	1270
12	---	---	---	1250	1210	1230	---	---	---	1240	1190	1220
13	---	---	---	1250	1220	1240	1240	1220	1230	1260	1070	1170
14	---	---	---	1250	120	1240	1270	1190	1230	1170	1110	1140
15	---	---	---	1290	1210	1240	1240	1180	1210	1230	1160	1200
16	1300	1260	1280	---	---	---	1230	1160	1190	1250	1210	1220
17	1300	1260	1280	---	---	---	1220	1180	1200	1240	1200	1220
18	1290	1260	1270	---	---	---	---	---	---	1250	1200	1230
19	1290	1260	1270	---	---	---	---	---	---	1220	1210	1220
20	1290	1210	1260	---	---	---	1200	1190	1200	1240	1210	1220
21	1290	1270	1280	---	---	---	---	---	---	---	---	---
22	1320	1260	1290	---	---	---	---	---	---	1220	1200	1210
23	1310	1270	1290	1280	1210	1250	---	---	---	1300	1180	1240
24	1300	1290	1300	1280	1190	1230	1250	1200	1230	1340	1180	1230
25	1300	1260	1280	1250	1210	1230	1250	1200	1220	1230	1190	1210
26	1300	1270	1280	1240	1210	1230	1240	1200	1220	1240	1200	1230
27	1300	1260	1280	1260	1210	1230	1230	1190	1210	1300	1180	1240
28	1280	1260	1270	1300	1220	1260	1230	1190	1210	1230	1160	1190
29	1270	1200	1230	---	---	---	1260	1190	1230	1210	1150	1190
30	1290	1240	1270	---	---	---	1270	1200	1240	1300	1210	1250
31	---	---	---	---	---	---	1290	1190	1240	---	---	---

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	1280	1230	1260	1280	1220	1250
2	---	---	---	---	---	---	1270	1230	1250	1280	1200	1240
3	---	---	---	---	---	---	1290	1240	1270	1280	1200	1240
4	1160	1140	1150	---	---	---	1290	1220	1260	1270	1170	1230
5	1220	0	1190	1210	1160	1180	1290	1210	1260	---	---	---
6	1230	1200	1220	1220	1150	1190	1280	1250	1260	---	---	---
7	1220	1200	1210	1190	1160	1180	1280	1250	1270	---	---	---
8	1320	1190	1250	1220	1190	1200	1300	1240	1270	---	---	---
9	1400	1210	1290	1220	1190	1210	1290	1220	1250	---	---	---
10	1360	1170	1260	1230	1160	1200	1270	1220	1250	---	---	---
11	1310	1160	1240	1230	1170	1200	1280	1240	1260	---	---	---
12	1280	1160	1230	1210	1180	1200	1290	1240	1260	---	---	---
13	1240	1200	1220	1260	1190	1220	1290	1230	1250	1250	1200	1220
14	1240	1190	1210	1230	1080	1180	1280	1200	1240	1270	1200	1230
15	1200	1050	1150	1220	1100	1170	1270	1200	1230	1280	1190	1210
16	1170	1030	1110	1230	1150	1190	1270	1200	1230	1220	1110	1190
17	1220	966	1130	1330	1190	1240	1270	1140	1220	1250	1140	1190
18	1170	596	895	1280	1180	1220	1270	1190	1230	1170	1100	1120
19	1040	704	890	1230	1170	1190	1270	1180	1230	1110	1090	1100
20	---	---	---	1230	1170	1200	1310	1210	1270	1190	1090	1110
21	---	---	---	1230	1120	1190	1310	1220	1270	1140	1110	1130
22	---	---	---	1220	1160	1190	1300	1230	1260	1180	1110	1130
23	---	---	---	1240	1190	1220	1310	1220	1270	1260	1140	1170
24	---	---	---	1240	1180	1220	1300	1240	1270	1310	1180	1210
25	---	---	---	1220	1160	1200	1300	1220	1260	1290	1180	1210
26	---	---	---	1230	1190	1220	1300	1200	1260	1260	1220	1240
27	---	---	---	1290	1210	1250	1300	1210	1250	1270	1220	1250
28	---	---	---	1260	1220	1240	1290	1210	1250	1320	1250	1270
29	---	---	---	1260	1210	1240	1290	1200	1240	1300	1260	1280
30	---	---	---	1280	1210	1250	1300	1200	1250	1360	1280	1310
31	---	---	---	1280	1220	1250	---	---	---	1350	1300	1330

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1490	1330	1380	1380	1350	1360	1420	1290	1360			
2	1510	1300	1400	1410	1320	1370	1380	1270	1330			
3	1400	1330	1350	1480	1400	1430	1360	1280	1330			
4	1470	1340	1400	1520	1460	1490	1360	1270	1320			
5	1440	1390	1420	1540	1490	1520	1340	1240	1290			
6	1480	1380	1440	1550	1500	1520	1310	1230	1280			
7	1480	1390	1440	1530	1430	1480	1310	1210	1260			
8	1440	1390	1410	1440	1380	1410	1310	1210	1260			
9	1440	1340	1390	1430	1380	1410	---	---	---			
10	1320	1230	1270	1420	1380	1400	---	---	---			
11	1420	1230	1300	1440	1390	1410	---	---	---			
12	1370	1320	1340	---	---	---	---	---	---			
13	1370	1310	1320	---	---	---	---	---	---			
14	1380	1320	1340	---	---	---	---	---	---			
15	1390	1330	1340	---	---	---	---	---	---			
16	1410	1350	1380	1370	1350	1360	---	---	---			
17	1380	1330	1360	1370	1360	1360	---	---	---			
18	1350	1320	1340	1370	1350	1360	---	---	---			
19	1400	1350	1370	1380	1360	1370	---	---	---			
20	1390	1330	1360	1380	1360	1380	---	---	---			
21	1370	1340	1350	1400	1370	1390	---	---	---			
22	1380	1330	1350	1400	1370	1390	---	---	---			
23	1380	1340	1360	1390	1220	1360	---	---	---			
24	1380	1370	1370	1370	1300	1330	---	---	---			
25	1380	1330	1360	1340	1270	1310	---	---	---			
26	1370	1330	1350	1360	1260	1310	---	---	---			
27	1370	1320	1340	1400	1260	1330	---	---	---			
28	1370	1300	1330	1330	1240	1280	---	---	---			
29	1400	1330	1370	1380	1270	1310	---	---	---			
30	1380	1330	1350	1370	1280	1330	---	---	---			
31	---	---	---	1410	1310	1370	---	---	---			
YEAR	1550	0	1260									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	3.0	.5	2.0
2	---	---	---	---	---	---	---	---	---	3.5	.5	2.0
3	---	---	---	---	---	---	---	---	---	2.0	.0	1.0
4	---	---	---	---	---	---	---	---	---	4.0	2.0	2.0
5	---	---	---	---	---	---	---	---	---	4.5	.5	2.0
6	---	---	---	---	---	---	---	---	---	2.0	.0	.5
7	---	---	---	---	---	---	---	---	---	3.0	.0	1.0
8	---	---	---	---	---	---	---	---	---	3.5	.5	2.0
9	---	---	---	---	---	---	---	---	---	4.0	1.5	2.5
10	---	---	---	6.0	1.0	3.5	---	---	---	4.0	.0	2.5
11	---	---	---	3.0	2.0	2.5	---	---	---	1.0	.0	.5
12	---	---	---	5.0	.5	1.5	---	---	---	3.0	1.0	2.0
13	---	---	---	6.0	.5	---	.0	.0	.0	6.5	2.0	4.0
14	---	---	---	6.5	.5	3.0	.5	.0	.0	4.0	2.5	3.5
15	---	---	---	6.5	.0	---	2.0	.0	.5	6.0	4.0	4.5
16	12.5	6.5	---	---	---	---	3.0	.0	---	5.5	2.5	3.5
17	10.5	3.5	---	---	---	---	---	---	---	6.5	2.0	3.5
18	12.0	6.0	---	---	---	---	---	---	---	5.5	2.5	4.0
19	12.5	8.0	---	---	---	---	---	---	---	3.0	1.0	1.5
20	9.0	4.0	---	---	---	---	---	---	---	5.0	.0	1.5
21	7.5	4.0	---	---	---	---	---	---	---	---	---	---
22	8.5	1.5	---	---	---	---	---	---	---	5.0	.0	2.5
23	10.0	2.5	---	2.0	.0	.0	---	---	---	3.5	.0	1.0
24	10.5	3.0	7.0	2.0	.0	.5	2.5	.0	1.5	4.5	.0	1.5
25	11.5	3.0	7.0	3.5	.5	---	4.0	1.0	2.0	5.5	.5	2.0
26	10.5	4.0	7.0	5.0	1.0	3.0	3.0	.0	1.5	3.5	.0	1.0
27	10.5	3.0	7.0	3.0	1.0	2.0	2.5	1.5	2.0	3.0	.0	1.0
28	8.5	2.0	5.5	2.5	.0	---	3.0	1.0	2.0	1.0	.0	.5
29	5.0	2.0	3.5	---	---	---	2.5	.0	.5	4.0	.0	1.5
30	6.0	1.0	2.5	---	---	---	2.0	.0	.5	3.5	.0	1.0
31	---	---	---	---	---	---	1.5	.0	.5	---	---	---

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	13.0	.5	6.0	15.0	.0	10.0
2	---	---	---	---	---	---	6.0	1.5	3.5	17.0	6.0	11.0
3	---	---	---	---	---	---	12.0	.5	5.5	16.0	5.5	10.5
4	7.0	1.5	4.5	---	---	---	15.0	2.5	8.0	19.5	6.0	12.0
5	5.0	.0	2.0	9.0	4.0	6.5	14.0	3.0	8.0	---	---	---
6	5.5	1.0	3.0	4.5	2.0	3.0	10.0	3.0	6.5	---	---	---
7	5.0	.5	3.0	9.5	1.0	5.0	10.0	1.5	5.0	---	---	---
8	2.5	.0	.5	9.0	1.0	5.0	14.5	.0	6.0	---	---	---
9	.0	.0	.0	9.0	.5	4.5	14.5	1.5	7.5	---	---	---
10	2.0	.0	.5	11.5	.5	5.0	12.0	4.5	7.5	---	---	---
11	3.0	.0	.5	8.5	.5	4.5	7.0	2.5	4.5	---	---	---
12	3.0	.0	1.0	9.0	1.5	4.5	12.5	.0	5.5	---	---	---
13	6.0	.5	3.0	10.0	3.0	4.0	15.0	.5	6.5	16.5	6.0	12.0
14	6.0	3.0	4.0	11.5	1.0	5.5	17.0	1.0	8.5	12.5	4.0	8.5
15	6.0	3.5	4.5	11.0	2.0	6.0	14.0	3.0	8.5	15.5	7.5	11.0
16	7.0	3.0	4.5	8.5	.0	3.5	16.0	2.0	8.5	14.0	9.0	11.0
17	6.5	3.0	4.5	7.5	.0	2.5	17.5	7.5	10.0	17.0	8.0	11.0
18	6.0	1.0	3.5	11.5	.0	4.5	18.0	2.5	9.5	16.5	6.5	12.0
19	4.0	1.5	2.0	13.0	2.0	6.5	18.5	3.5	10.0	17.5	8.5	13.5
20	---	---	---	13.0	1.0	6.5	19.0	4.0	10.5	19.0	9.5	14.0
21	---	---	---	13.5	2.0	7.0	18.5	5.0	11.0	22.5	10.0	15.5
22	---	---	---	7.0	3.0	5.0	15.0	7.5	10.5	20.0	11.0	15.0
23	---	---	---	10.5	3.0	6.5	16.5	5.5	10.0	16.5	10.0	13.0
24	---	---	---	12.5	3.0	7.5	12.5	7.5	9.5	16.5	7.0	10.5
25	---	---	---	6.0	1.5	3.5	18.0	3.0	10.0	14.5	5.5	9.5
26	---	---	---	10.5	.5	4.5	18.5	3.0	10.0	16.5	5.0	10.5
27	---	---	---	10.5	.0	4.5	19.5	3.0	10.5	17.0	6.0	11.0
28	---	---	---	7.0	1.5	4.0	15.0	4.5	10.0	15.5	7.5	11.5
29	---	---	---	11.0	2.0	5.5	16.0	9.0	10.0	16.0	9.0	11.5
30	---	---	---	7.0	1.0	3.0	15.0	7.0	10.5	17.5	7.5	11.5
31	---	---	---	9.5	.0	4.0	---	---	---	15.0	6.5	10.5

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	15.5	7.0	10.0	18.0	13.5	15.0	19.5	10.5	14.0			
2	16.0	6.5	11.0	16.0	12.0	14.0	21.5	11.0	15.0			
3	17.0	8.0	12.0	19.5	11.0	14.0	19.0	10.0	13.5			
4	17.0	7.5	11.5	19.0	10.0	13.5	19.5	9.0	13.5			
5	17.0	6.5	11.0	18.0	9.5	13.0	20.5	9.5	14.0			
6	17.0	7.0	11.0	18.0	9.5	13.0	21.0	9.5	14.0			
7	17.5	7.5	11.5	15.5	10.0	12.5	21.0	10.0	14.5			
8	18.0	6.5	11.5	18.0	12.5	14.5	21.0	9.5	14.5			
9	19.0	8.0	13.0	18.0	12.0	14.5	19.0	11.5	15.0			
10	19.5	9.5	14.5	18.0	12.5	15.0	19.5	10.0	14.0			
11	19.5	10.5	14.5	18.5	12.5	15.0	18.5	8.5	13.0			
12	19.5	9.5	14.0	---	---	---	18.0	8.5	13.0			
13	18.0	9.5	14.0	---	---	---	16.0	10.5	13.0			
14	18.0	10.0	---	---	---	---	17.0	11.5	14.0			
15	19.0	10.5	---	---	---	---	18.0	12.0	15.0			
16	19.5	9.5	14.0	17.0	14.0	---	14.5	10.0	12.0			
17	20.5	10.5	14.5	17.5	12.5	14.5	17.5	8.0	12.5			
18	19.0	14.0	16.5	18.0	14.5	16.0	17.0	8.5	12.5			
19	15.5	11.5	13.0	18.0	13.5	15.0	15.5	8.0	11.5			
20	18.0	10.5	14.0	17.5	13.0	15.0	16.5	7.5	11.5			
21	17.5	11.0	14.0	17.5	13.0	15.0	13.5	7.0	9.0			
22	19.0	11.0	14.5	17.5	13.0	15.0	---	---	---			
23	16.0	11.0	13.5	16.5	13.5	15.0	---	---	---			
24	18.5	9.5	12.0	16.5	13.0	14.5	---	---	---			
25	19.0	10.5	14.0	18.5	10.5	14.0	---	---	---			
26	19.0	11.5	15.0	20.0	10.0	14.5	---	---	---			
27	19.0	11.5	15.0	18.5	10.0	15.0	---	---	---			
28	19.0	11.0	14.5	21.5	13.0	17.5	---	---	---			
29	19.5	9.5	14.0	20.0	10.0	14.5	---	---	---			
30	19.0	12.5	15.0	19.0	11.0	14.0	---	---	---			
31	---	---	---	20.5	9.5	14.0	---	---	---			
YEAR	22.5	.0	8.0									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.4	8.2	8.2	---	---	---	8.3	8.1	8.1	---	---	---
2	8.4	8.1	8.2	---	---	---	8.[illegible]	8.2	8.2	---	---	---
3	8.4	8.1	8.2	8.3	8.2	8.3	8.3	8.2	8.3	---	---	---
4	8.4	8.1	8.2	8.3	8.3	8.3	---	---	---	8.4	8.3	8.3
5	8.4	8.1	8.2	8.4	8.3	8.3	8.4	8.4	8.4	8.3	8.3	8.3
6	8.4	8.1	8.2	8.3	8.2	8.3	8.4	8.3	8.4	8.4	8.3	8.3
7	8.4	8.1	8.2	8.2	8.2	8.2	8.4	8.3	8.4	8.4	8.3	8.3
8	8.4	8.1	8.2	8.2	8.2	8.2	---	---	---	8.4	8.3	8.3
9	8.4	8.1	8.2	8.2	8.2	8.2	---	---	---	8.3	8.3	8.3
10	8.4	8.1	8.2	8.2	8.2	8.2	---	---	---	8.3	8.2	8.3
11	8.4	8.1	8.2	8.2	8.2	8.2	---	---	---	8.3	8.2	8.3
12	8.4	8.1	8.2	8.2	8.2	8.2	8.4	8.2	8.3	8.3	8.2	8.2
13	8.4	8.1	8.2	8.2	8.1	8.2	8.3	8.2	8.2	8.2	8.1	8.2
14	8.3	8.1	8.2	8.2	8.1	8.2	8.3	8.2	8.2	8.4	8.2	8.2
15	8.3	8.0	8.1	8.2	8.2	8.2	8.4	8.2	8.3	8.4	8.4	8.4
16	8.3	8.0	8.1	8.2	8.2	8.2	8.5	8.3	8.3	8.5	8.4	8.4
17	8.3	8.0	8.1	8.2	8.2	8.2	8.4	8.3	8.3	8.5	8.5	8.5
18	8.2	8.0	8.1	---	---	---	8.5	8.3	8.4	8.5	8.5	8.5
19	8.3	8.0	8.1	8.3	8.2	8.2	8.5	8.3	8.4	8.5	8.5	8.5
20	8.3	8.0	8.2	8.2	8.2	8.2	8.4	8.3	8.4	8.5	8.5	8.5
21	8.2	8.1	8.2	8.3	8.2	8.2	---	---	---	8.5	8.5	8.5
22	8.3	8.1	8.2	8.2	8.1	8.2	---	---	---	8.5	8.5	8.5
23	8.2	8.1	8.2	8.2	8.2	8.2	---	---	---	8.5	8.4	8.5
24	8.3	8.2	8.2	8.2	8.2	8.2	---	---	---	8.5	8.4	8.5
25	8.4	8.3	8.3	8.2	8.2	8.2	---	---	---	8.5	8.5	8.5
26	8.4	8.3	8.3	8.2	8.2	8.2	---	---	---	8.5	8.5	8.5
27	8.4	8.3	8.3	8.3	8.2	8.2	---	---	---	8.6	8.4	8.5
28	8.4	8.3	8.3	8.3	8.1	8.2	---	---	---	8.5	8.5	8.5
29	8.4	8.3	8.3	8.2	8.1	8.2	---	---	---	8.5	8.5	8.5
30	8.3	8.3	8.3	8.2	8.1	8.1	---	---	---	8.5	8.5	8.5
31	---	---	---	---	---	---	---	---	---	8.6	8.3	8.4

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.5	8.5	8.5	8.4	8.3	8.0	8.1	8.1	8.1	8.3	8.3	8.3
2	8.5	8.5	8.5	8.3	8.3	8.0	8.2	8.1	8.1	8.3	8.3	8.3
3	8.5	8.5	8.5	8.3	8.3	8.3	8.1	8.1	8.1	8.4	8.3	8.3
4	8.5	8.5	8.5	8.3	8.3	8.3	8.1	8.1	8.1	8.3	8.3	8.3
5	8.5	8.5	8.5	8.3	8.3	8.3	8.2	8.1	8.1	8.3	8.3	8.3
6	8.5	8.5	8.5	8.4	8.3	8.3	8.2	8.1	8.1	8.3	8.3	8.3
7	8.5	8.5	8.5	8.4	8.3	8.3	8.2	8.1	8.2	8.3	8.3	8.3
8	8.5	8.5	8.5	8.4	8.3	8.3	8.2	8.2	8.2	---	---	---
9	8.5	8.4	8.4	8.4	8.3	8.4	8.2	8.2	8.2	---	---	---
10	8.5	8.4	8.4	8.4	8.3	8.4	8.2	8.2	8.2	---	---	---
11	8.5	8.4	8.4	8.4	8.3	8.4	8.3	8.2	8.2	---	---	---
12	8.5	8.4	8.5	8.4	8.3	8.4	8.3	8.2	8.3	---	---	---
13	8.6	8.5	8.5	8.4	8.3	8.4	8.3	8.3	8.3	---	---	---
14	8.5	8.5	8.5	8.4	8.4	8.4	8.3	8.3	8.3	8.1	8.1	8.1
15	8.5	8.4	8.5	8.4	8.4	8.4	8.3	8.3	8.3	8.1	8.1	8.1
16	---	---	---	8.5	8.4	8.4	8.4	8.3	8.3	8.1	8.1	8.1
17	---	---	---	8.4	8.3	8.3	8.4	8.3	8.4	8.1	8.1	8.1
18	---	---	---	8.3	8.3	8.3	8.4	8.2	8.3	8.1	8.1	8.1
19	8.4	8.3	8.4	8.3	8.3	8.3	---	---	---	8.1	8.0	8.1
20	8.4	8.2	8.4	8.3	8.3	8.3	---	---	---	8.1	8.0	8.0
21	8.3	8.2	8.2	8.3	8.2	8.3	---	---	---	---	---	---
22	8.3	8.2	8.3	8.2	8.2	8.2	8.3	8.0	8.2	---	---	---
23	8.3	8.3	8.3	8.2	8.1	8.2		8.2	8.2	---	---	---
24	8.4	8.3	8.3	8.2	8.1	8.1	8.3	8.2	8.3	---	---	---
25	8.4	8.3	8.3	8.2	8.1	8.1	---	---	---	---	---	---
26	8.4	8.3	8.3	8.1	8.0	8.1	8.4	8.3	8.3	---	---	---
27	8.4	8.3	8.3	8.1	8.1	8.1	8.4	8.3	8.4	---	---	---
28	8.3	8.3	8.3	8.2	8.1	8.1	8.4	8.3	8.3	---	---	---
29	8.3	8.2	8.3	8.1	8.1	8.1	8.4	8.3	8.3	8.0	7.9	7.9
30	---	---	---	8.1	8.1	8.1	8.4	8.3	8.3	8.0	7.9	7.9
31	---	---	---	8.2	8.1	8.1	---	---	---	8.0	7.9	7.9

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.9	7.9	7.9	8.1	7.9	7.9						
2	7.9	7.9	7.9	7.9	7.9	7.9						
3	7.9	7.8	7.9	8.0	7.8	7.9						
4	7.9	7.8	7.9	8.1	7.9	7.9						
5	7.9	7.8	7.9	8.1	7.9	7.9						
6	7.9	7.8	7.8	8.1	8.0	8.0						
7	---	---	---	8.1	8.0	8.0						
8	---	---	---	8.1	7.9	7.9						
9	7.8	7.8	7.8	8.0	7.9	7.9						
10	7.8	7.7	7.7	8.0	7.9	7.9						
11	7.8	7.7	7.7	8.1	7.9	8.0						
12	7.8	7.7	7.7	8.1	7.9	7.9						
13	7.8	7.7	7.7	8.1	7.9	7.9						
14	7.8	7.7	7.8	8.1	7.9	8.0						
15	7.8	7.7	7.8	8.0	7.9	7.9						
16	7.8	7.7	7.7	7.9	7.9	7.9						
17	8.0	7.9	7.9	---	---	---						
18	8.0	7.9	8.0	---	---	---						
19	7.9	7.9	7.9	---	---	---						
20	7.9	7.9	7.9	---	---	---						
21	8.0	8.0	8.0	---	---	---						
22	8.0	7.9	8.0	---	---	---						
23	8.0	7.9	7.9	---	---	---						
24	---	---	---	---	---	---						
25	---	---	---	---	---	---						
26	8.1	1.1	8.0	---	---	---						
27	8.1	7.9	7.9	---	---	---						
28	8.1	7.9	7.9	---	---	---						
29	8.1	7.9	8.0	---	---	---						
30	8.1	7.9	8.0	---	---	---						
31	---	---	---	---	---	---						
YEAR	8.6	1.1	8.2									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	11.8	7.3	9.0	---	---	---	10.9	10.6	10.7	---	---	---
2	12.1	7.1	9.0	---	---	---	10.8	10.6	10.7	---	---	---
3	11.9	7.2	8.9	10.6	9.2	9.8	10.9	10.5	---	---	---	---
4	12.0	7.2	9.1	10.7	9.0	9.8	---	---	---	11.0	9.7	10.1
5	12.1	7.2	9.1	10.9	9.1	9.9	---	---	---	11.5	10.5	10.9
6	12.2	7.0	9.0	11.1	9.0	10.0	10.9	9.7	10.3	11.5	10.9	11.2
7	12.5	7.0	---	10.2	9.0	9.5	10.7	9.5	10.1	11.5	10.7	11.2
8	12.1	7.1	8.9	10.3	9.0	9.6	---	---	---	11.2	10.9	11.1
9	12.2	7.2	9.0	10.3	8.9	9.6	---	---	---	---	---	---
10	12.1	7.3	9.0	11.0	9.0	9.9	---	---	---	---	---	---
11	11.7	7.2	8.9	10.9	9.5	10.0	---	---	---	---	---	---
12	12.2	7.2	9.1	11.4	9.5	10.3	11.0	10.6	10.8	---	---	---
13	12.1	7.0	8.9	11.4	8.9	10.6	11.0	10.7	10.9	11.0	9.6	10.3
14	11.6	7.0	8.7	10.8	8.8	9.8	11.1	10.8	10.9	10.6	9.8	10.0
15	12.0	6.7	8.7	10.8	8.8	9.7	11.2	11.0	11.1	10.9	10.0	10.5
16	11.7	6.6	8.4	10.6	8.6	9.6	11.3	10.9	11.1	10.8	10.2	10.5
17	11.2	6.6	8.3	10.5	8.5	9.4	11.4	10.7	11.0	11.0	9.9	10.5
18	11.0	6.6	8.0	---	---	---	11.4	10.7	11.0	10.8	10.0	10.4
19	11.3	6.5	7.9	10.2	9.1	9.6	11.3	10.7	11.0	11.6	10.7	11.2
20	8.4	6.5	7.6	10.5	9.1	9.8	11.2	10.4	10.8	12.0	10.9	11.4
21	9.8	7.9	8.5	10.9	9.4	10.1	---	---	---	11.8	10.9	11.4
22	10.1	7.9	8.7	10.7	6.4	9.8	---	---	---	11.9	10.3	11.1
23	9.8	7.6	8.6	10.5	9.8	10.1	---	---	---	11.2	10.4	11.0
24	9.4	7.9	8.5	10.6	9.3	9.9	---	---	---	11.2	10.0	10.7
25	9.8	8.1	8.9	10.2	9.3	9.7	---	---	---	10.7	9.8	10.3
26	9.7	8.3	8.9	10.1	9.4	9.7	---	---	---	11.0	10.0	10.6
27	10.2	8.5	9.2	10.9	6.6	10.3	---	---	---	10.9	10.2	10.6
28	10.3	8.6	9.4	10.8	6.5	10.4	---	---	---	11.0	10.6	10.9
29	10.3	8.9	9.6	10.8	10.2	10.5	---	---	---	10.9	9.6	10.4
30	10.5	9.3	9.9	10.7	10.3	10.4	---	---	---	11.0	10.3	10.7
31	---	---	---	---	---	---	---	---	---	11.3	10.5	11.0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.2	10.5	11.0	11.0	9.3	10.3	10.6	8.0	9.5	10.6	9.7	10.2
2	11.2	10.2	10.7	11.4	10.1	10.7	10.8	9.2	9.9	11.0	9.5	10.3
3	10.7	9.6	10.2	10.7	9.8	10.3	10.8	8.9	9.8	11.1	9.7	10.3
4	10.5	9.7	10.1	10.7	9.6	10.2	10.9	8.0	9.5	10.9	9.6	10.2
5	11.2	10.1	10.7	11.0	9.7	10.4	10.3	8.0	9.3	10.8	9.5	10.1
6	10.9	9.9	10.5	10.9	10.1	10.5	10.3	8.7	9.4	10.7	9.4	10.1
7	10.7	10.0	10.3	10.9	9.4	10.3	10.7	9.0	9.8	10.1	9.2	9.9
8	11.2	10.4	11.0	11.0	9.4	10.2	11.1	7.8	9.6	---	---	---
9	11.3	10.7	11.1	11.1	9.5	10.2	10.5	7.5	---	---	---	---
10	11.2	10.7	11.0	11.0	8.7	9.9	9.7	8.4	9.0	---	---	---
11	11.1	10.6	10.9	10.7	9.2	10.0	10.1	8.7	9.4	---	---	---
12	11.1	10.2	10.8	10.5	9.4	9.9	10.6	8.1	9.4	---	---	---
13	10.8	9.6	10.3	11.0	8.9	10.0	10.7	7.6	9.2	---	---	---
14	10.0	8.8	9.5	10.8	8.3	9.6	10.3	7.1	8.8	---	---	---
15	9.5	8.7	9.1	10.3	8.5	9.4	9.8	7.6	8.6	---	---	---
16	---	---	---	10.4	8.9	9.7	9.8	7.3	8.5	---	---	---
17	---	---	---	10.7	9.3	10.0	9.9	7.8	9.0	---	---	---
18	---	---	---	11.2	8.7	10.0	10.3	7.8	9.0	---	---	---
19	8.3	7.6	7.9	10.6	8.5	9.6	---	---	---	---	---	---
20	9.8	8.1	8.3	10.8	8.4	9.6	---	---	---	---	---	---
21	10.3	9.5	9.8	10.5	8.2	9.4	---	---	---	---	---	---
22	10.5	9.6	10.1	10.1	9.4	9.7	9.1	8.6	8.9	---	---	---
23	11.0	9.9	10.5	10.6	8.8	9.7	9.9	8.4	8.9	---	---	---
24	11.4	9.7	10.6	10.5	8.4	9.5	9.4	8.5	9.8	---	---	---
25	11.5	9.5	---	10.7	9.3	---	---	---	---	---	---	---
26	11.5	9.7	---	11.4	8.9	10.2	10.3	8.4	9.1	---	---	---
27	11.5	9.3	10.5	11.3	8.9	10.1	10.6	8.5	9.5	---	---	---
28	11.3	9.3	10.3	11.0	9.6	10.2	10.6	9.1	9.8	---	---	---
29	10.6	9.9	10.3	11.0	9.1	10.1	10.3	9.2	9.8	10.2	8.8	9.7
30	---	---	---	10.5	9.3	10.0	10.3	9.7	10.0	10.7	8.7	9.7
31	---	---	---	11.0	8.8	10.1	---	---	---	10.3	8.5	9.3

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.8	8.6	9.1	10.5	5.0	7.1						
2	9.5	7.5	8.5	---	---	---						
3	8.8	6.8	7.8	---	---	---						
4	8.3	6.5	7.5	---	---	---						
5	8.6	6.4	7.6	---	---	---						
6	8.8	6.5	7.7	---	---	---						
7	---	---	---	---	---	---						
8	---	---	---	---	---	---						
9	9.0	7.7	---	---	---	---						
10	8.4	6.7	7.6	---	---	---						
11	8.0	6.6	7.2	---	---	---						
12	7.7	6.4	7.0	---	---	---						
13	7.9	6.4	7.1	---	---	---						
14	8.0	6.7	---	---	---	---						
15	7.8	6.6	---	---	---	---						
16	8.1	6.6	7.4	---	---	---						
17	8.1	6.9	7.5	---	---	---						
18	8.5	6.6	7.5	---	---	---						
19	8.4	7.0	7.3	---	---	---						
20	8.4	6.6	7.2	---	---	---						
21	9.0	6.5	7.3	---	---	---						
22	9.5	6.0	7.7	---	---	---						
23	10.1	6.3	---	---	---	---						
24	---	---	---	---	---	---						
25	---	---	---	---	---	---						
26	11.4	5.3	---	---	---	---						
27	10.1	5.3	7.4	---	---	---						
28	10.6	5.5	7.8	---	---	---						
29	10.5	5.3	7.7	---	---	---						
30	10.8	5.1	7.4	---	---	---						
31	---	---	---	---	---	---						
YEAR	12.5	5.0	9.6									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1550	1510	1520	---	---	---	1350	1270	1310	---	---	---
2	1710	1560	1580	---	---	---	1300	1210	1260	---	---	---
3	1830	1600	1640	1270	1250	1260	1270	1230	1250	---	---	---
4	1630	1580	1610	1270	1250	1260	---	---	---	1290	1270	1280
5	1590	1550	1570	1270	1250	1260	1290	1270	1280	1300	1270	1280
6	1590	1550	1570	1280	1250	1270	1290	1270	1280	1290	1270	1280
7	1580	1550	1560	1280	1260	1270	1290	1250	1270	1320	1250	1290
8	1570	1540	1560	1280	1260	1270	---	---	---	1290	1200	1270
9	1570	1550	1560	1280	1260	1270	---	---	---	1270	1200	1240
10	1560	1530	1550	1270	1260	1270	---	---	---	1250	1200	1240
11	1540	1470	1510	1270	1250	1260	---	---	---	1350	1210	1280
12	1530	1490	1500	1270	1250	1260	1430	1300	1360	1270	1200	1240
13	1560	1520	1530	1280	1250	1260	1380	1300	1330	1260	1180	1220
14	1570	1550	1560	1270	1250	1260	1350	1270	1310	1210	1140	1180
15	1570	1540	1560	1280	1250	1260	1320	1240	1280	1240	1170	1210
16	1570	1530	1550	1280	1250	1260	1310	1250	1280	1260	1240	1250
17	1570	1540	1560	1280	1250	1260	1320	1250	1290	1270	1240	1250
18	1570	1510	1550	---	---	---	1320	1270	1300	1260	1240	1250
19	1540	1490	1520	1240	1210	1230	1350	1260	1300	1280	1240	1260
20	1570	1480	1510	1240	1190	1220	1320	1240	1290	1280	1260	1270
21	1530	1490	1510	1260	1240	1250	---	---	---	1300	1230	1270
22	1510	1450	1490	1320	1220	1270	---	---	---	1270	1240	1260
23	1450	1430	1490	1320	1210	1270	---	---	---	1330	1210	1280
24	1440	1310	1360	1270	1240	1250	---	---	---	1310	1220	1260
25	1310	1290	1300	1260	1230	1250	---	---	---	1270	1250	1260
26	1300	1280	1290	1260	1220	1240	---	---	---	1260	1240	1250
27	1300	1280	1290	1290	1220	1250	---	---	---	1320	1210	1260
28	1300	1280	1290	1350	1230	1300	---	---	---	1240	1200	1220
29	1300	1200	1250	1380	1280	1330	---	---	---	1230	1200	1220
30	1270	1230	1250	1360	1310	1330	---	---	---	1290	1230	1250
31	---	---	---	---	---	---	---	---	---	1400	1220	1310

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C. NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1310	1180	1250	1260	1220	1240	1170	976	1070	790	764	778
2	1250	1210	1240	1270	1230	1260	1190	11100	1160	794	758	775
3	1250	1230	1240	1270	1210	1250	1210	1170	1190	772	738	756
4	1250	1230	1240	1250	1210	1230	1170	1090	1140	766	734	747
5	1290	1220	1250	1250	1220	1240	1140	1080	1110	748	712	733
6	1250	1230	1240	1250	1210	1230	1100	1060	1080	736	698	722
7	1240	1220	1230	1230	1210	1220	1100	1050	1070	698	674	685
8	1340	1210	1270	1250	1220	1240	1140	1050	1090	---	---	---
9	1390	1220	1320	1260	1240	1250	1110	1080	1140	---	---	---
10	1370	1190	1290	1260	1220	1250	1130	1070	1110	---	---	---
11	1340	1180	1260	1270	1230	1250	1090	1060	1070	---	---	---
12	1330	1200	1260	1260	1230	1240	1110	1040	1070	---	---	---
13	1260	1240	1250	1290	1220	1250	1110	1030	1070	---	---	---
14	1250	1220	1240	1250	1180	1230	1110	1010	1060	862	822	848
15	1250	1150	1210	1240	1170	1210	1170	1080	1120	880	820	856
16	---	---	---	1220	1150	1190	1100	1050	1080	876	836	859
17	---	---	---	1280	1230	1250	1150	1010	1040	874	826	847
18	---	---	---	1270	1230	1250	1060	938	1010	910	830	868
19	988	798	885	1250	1190	1230	---	---	---	950	870	906
20	1180	856	1050	1220	1100	1190	---	---	---	938	894	909
21	1230	1190	1220	1140	1000	1100	---	---	---	---	---	---
22	1240	1230	1240	1060	996	1040	820	664	762	---	---	---
23	1240	1210	1220	1080	1020	1040	832	746	792	---	---	---
24	1250	1220	1240	1100	1010	1060	844	804	822	---	---	---
25	1310	1240	1280	1030	984	1020	---	---	---	---	---	---
26	1270	1230	1250	1080	978	1030	870	810	847	---	---	---
27	1260	1130	1210	1090	984	1040	878	844	861	---	---	---
28	1240	1070	1170	1040	1000	1020	866	836	851	---	---	---
29	1230	1100	1200	1060	990	1020	862	826	845	1050	973	1020
30	---	---	---	1050	952	1000	826	760	784	1050	946	990
31	---	---	---	1040	950	994	---	---	---	1050	922	981

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1010	937	977	1470	1370	1400						
2	1030	905	971	1390	1350	1370						
3	1050	946	994	1490	1350	1410						
4	1050	926	969	1490	1360	1410						
5	1220	1060	1120	1490	1340	1400						
6	1280	1100	1190	1490	1340	1400						
7	---	---	---	1440	1340	1390						
8	---	---	---	1470	1340	1400						
9	1450	1280	1350	1470	1350	1410						
10	1430	1310	1370	1460	1360	1400						
11	1470	1350	1410	1450	1340	1390						
12	1590	1400	1480	1550	1330	1440						
13	1540	1390	1470	1540	1450	1510						
14	1550	1380	1450	1530	1430	1470						
15	1510	1380	1430	1520	1400	1450						
16	1520	1380	1430	1430	1390	1410						
17	1470	1370	1430	---	---	---						
18	1510	1330	1400	---	---	---						
19	1480	1360	1430	---	---	---						
20	1510	1370	1430	---	---	---						
21	1520	1380	1450	---	---	---						
22	1520	1380	1440	---	---	---						
23	1500	1370	1440	---	---	---						
24	---	---	---	---	---	---						
25	---	---	---	---	---	---						
26	1550	1390	1450	---	---	---						
27	1510	1380	1440	---	---	---						
28	1500	1340	1410	---	---	---						
29	1480	1340	1400	---	---	---						
30	1480	1350	1410	---	---	---						
31	---	---	---	---	---	---						
YEAR	1830	664	1240									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	16.5	8.0	11.0	---	---	---	.5	.0	---	---	---	---
2	15.5	8.0	11.5	---	---	---	.5	.0	.5	---	---	---
3	15.0	7.5	11.0	6.5	1.5	3.5	2.0	.5	---	---	---	---
4	15.0	6.5	10.5	7.0	2.5	4.5	---	---	---	5.0	2.5	4.0
5	15.5	7.0	11.0	7.5	2.0	4.5	---	---	---	4.5	1.0	2.5
6	15.5	7.0	11.0	7.5	2.0	4.5	5.0	.5	2.5	3.5	.5	2.0
7	15.5	7.5	11.0	7.0	4.5	5.5	5.5	1.5	3.5	3.5	.5	1.5
8	15.0	7.5	11.0	6.5	4.0	5.0	---	---	---	4.0	1.0	2.5
9	14.0	7.0	10.5	6.5	3.5	5.0	---	---	---	4.0	.0	---
10	14.5	6.5	10.5	6.5	2.0	4.5	---	---	---	5.5	.5	3.5
11	14.5	7.0	10.5	5.5	2.5	3.5	---	---	---	1.0	.0	.5
12	14.0	7.0	10.5	5.5	.5	3.0	.5	.5	.5	4.5	.0	3.0
13	14.0	7.0	10.5	5.5	.5	3.0	1.0	.5	.5	7.0	3.0	5.0
14	11.5	8.0	10.0	5.5	.5	3.0	.5	.0	.5	5.0	3.5	4.5
15	14.0	7.5	10.5	5.5	.5	2.5	1.0	.5	.5	6.5	4.0	5.0
16	13.5	8.5	11.0	5.5	.5	2.5	2.0	.5	1.0	6.0	3.5	4.5
17	12.5	6.5	9.5	5.5	.5	3.0	3.0	.5	1.5	7.0	3.0	4.5
18	13.5	8.5	11.0	---	---	---	3.5	.5	1.5	5.5	3.5	4.5
19	13.0	9.5	11.0	3.5	.5	2.5	3.0	.5	1.5	3.0	1.0	2.0
20	10.0	5.5	9.0	4.0	.0	2.0	4.0	.5	2.0	4.5	.5	2.0
21	9.0	6.0	7.0	3.5	.0	---	---	---	---	4.0	.0	1.5
22	10.5	4.0	6.5	1.0	.0	---	---	---	---	4.5	.0	2.0
23	11.0	4.5	7.5	1.5	.0	---	---	---	---	3.0	.0	1.5
24	10.0	5.0	7.5	3.5	.5	2.0	---	---	---	5.0	.0	2.0
25	11.0	4.0	7.5	4.0	1.5	3.0	---	---	---	5.5	1.0	3.0
26	10.5	5.0	7.5	3.5	1.5	2.5	---	---	---	3.0	.0	1.5
27	10.0	4.0	7.0	1.5	.0	---	---	---	---	3.0	.0	1.0
28	8.5	2.5	5.5	.0	.0	---	---	---	---	1.0	.0	.5
29	6.0	3.0	3.5	.0	.0	---	---	---	---	5.0	.0	2.5
30	6.5	1.5	3.5	.0	.0	---	---	---	---	3.5	.0	1.5
31	---	---	---	---	---	---	---	---	---	.5	.0	.5

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	2.5	.0	1.0	10.5	3.0	6.0	13.0	2.5	7.0	11.0	7.5	9.5
2	4.5	.0	2.5	6.5	1.0	3.5	7.0	3.0	5.0	12.5	6.5	9.5
3	6.5	2.5	4.5	6.5	3.0	4.5	12.0	2.0	6.5	11.5	6.5	9.5
4	7.0	2.5	4.5	8.5	3.0	5.5	15.0	4.0	9.0	12.0	7.0	10.0
5	5.0	.0	2.5	9.0	2.5	5.5	13.5	4.5	8.5	12.5	7.5	10.0
6	5.0	1.5	3.0	5.0	3.0	4.0	10.0	4.5	7.0	11.5	7.5	9.5
7	5.0	1.5	3.5	9.0	2.0	5.0	9.0	3.0	5.5	9.5	8.0	9.0
8	2.0	.0	1.0	9.0	2.0	5.5	13.5	.5	6.5	---	---	---
9	.5	.0	.5	8.0	1.5	5.0	14.5	2.5	8.0	---	---	---
10	.5	.0	.5	11.0	1.5	6.0	11.0	5.5	8.0	---	---	---
11	1.0	.0	.5	8.0	1.0	4.5	8.5	3.5	6.0	---	---	---
12	3.5	.0	1.5	8.5	2.0	4.5	12.5	1.5	6.5	---	---	---
13	6.5	1.0	3.5	10.0	.0	4.5	14.0	1.5	7.5	---	---	---
14	6.5	3.5	5.0	11.5	1.0	6.0	16.0	2.5	9.0	10.5	7.5	9.5
15	7.5	4.5	5.5	10.5	3.0	6.5	13.5	4.0	9.0	11.5	6.0	9.0
16	---	---	---	8.5	2.0	4.5	15.0	3.5	9.0	10.5	6.5	9.0
17	---	---	---	8.5	.5	3.5	15.0	3.5	9.0	10.5	6.5	8.5
18	---	---	---	11.0	.0	5.0	13.5	3.5	8.5	13.5	5.5	9.5
19	---	---	---	12.5	3.0	7.0	---	---	---	15.0	7.0	11.0
20	5.5	4.5	5.0	12.5	2.5	7.0	---	---	---	13.5	7.5	9.5
21	6.5	3.5	5.0	13.0	2.5	7.5	---	---	---	---	---	---
22	7.5	3.0	5.0	7.5	4.5	5.5	11.0	9.0	10.0	---	---	---
23	6.0	1.5	4.0	10.0	3.5	6.5	11.5	6.5	9.5	---	---	---
24	8.0	.5	4.0	12.0	3.5	7.5	10.5	8.0	9.0	---	---	---
25	7.5	.5	---	6.5	3.0	4.0	---	---	---	---	---	---
26	8.5	3.0	---	11.5	1.5	5.5	13.5	7.0	11.0	---	---	---
27	10.0	1.0	5.0	11.0	.0	5.5	14.0	5.0	9.5	---	---	---
28	9.0	1.5	5.0	8.0	3.0	5.5	12.0	6.0	9.0	---	---	---
29	6.5	3.5	5.0	10.5	3.0	6.0	12.5	7.0	10.0	13.0	9.5	11.5
30	---	---	---	8.0	2.5	4.5	10.5	7.0	9.0	15.5	7.0	11.0
31	---	---	---	9.5	2.0	5.0	---	---	---	14.5	6.5	10.5

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	12.5	7.0	10.0	20.0	11.5	14.0						
2	16.0	6.5	11.0	18.5	12.0	13.5						
3	17.5	7.5	12.0	21.0	11.0	15.0						
4	18.5	7.5	12.5	21.5	10.0	14.5						
5	18.5	8.0	13.0	21.5	9.5	14.5						
6	18.5	8.0	12.5	22.0	9.5	16.0						
7	---	---	---	17.5	10.5	15.5						
8	---	---	---	20.5	11.5	15.5						
9	20.0	8.0	---	21.0	11.0	15.5						
10	20.0	8.5	13.5	20.5	12.0	15.5						
11	20.0	9.5	14.0	21.5	12.0	15.5						
12	19.5	8.5	13.0	18.0	11.5	14.5						
13	19.5	8.0	13.0	19.5	12.5	14.5						
14	18.5	8.0	---	21.0	11.5	15.5						
15	18.5	8.5	---	21.0	11.0	15.0						
16	20.0	8.0	13.0	16.0	10.5	12.5						
17	20.0	11.0	15.5	---	---	---						
18	20.5	9.0	14.5	---	---	---						
19	20.5	10.0	13.0	---	---	---						
20	18.5	9.0	13.0	---	---	---						
21	20.0	9.0	14.0	---	---	---						
22	20.5	9.0	14.0	---	---	---						
23	18.5	9.0	15.5	---	---	---						
24	---	---	---	---	---	---						
25	---	---	---	---	---	---						
26	22.0	9.5	16.5	---	---	---						
27	21.5	10.0	15.0	---	---	---						
28	21.5	8.5	14.0	---	---	---						
29	21.0	9.0	14.0	---	---	---						
30	21.0	11.5	15.0	---	---	---						
31	---	---	---	---	---	---						
YEAR	22.0	.0	7.0									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306200 PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395516 LONGITUDE 1081749 DRAINAGE AREA 506.00 DATUM 6070.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1							---	---	---	1110	1080	1090
2							---	---	---	1380	1100	1190
3							---	---	---	---	---	---
4							---	---	---	1400	1370	1390
5							---	---	---	1390	1340	1370
6							---	---	---	1370	1310	1360
7							1380	1340	1360	1400	1300	1360
8							1380	1350	1370	1430	1330	1400
9							1380	1340	1370	1430	1400	1420
10							1380	1350	1370	1610	1560	1590
11							1390	1330	1350	1660	1500	1600
12							1570	1400	1490	1580	1470	1530
13							1510	1450	1470	1580	1490	1550
14							1480	1400	1450	1530	1440	1500
15							1430	1370	1400	1600	1490	1550
16							1400	1320	1370	1630	1570	1600
17							1410	1330	1370	1630	1590	1610
18							1420	1340	1370	1600	1580	1590
19							1460	1350	1400	1590	1560	1580
20							1400	1340	1370	1600	1550	1590
21							1390	1350	1370	1600	1540	1570
22							1400	1340	1380	1570	1500	1530
23							1410	1380	1400	1610	1470	1530
24							1410	1360	1380	1540	1480	1510
25							1420	1370	1390	1530	1450	1510
26							1420	1360	1390	1510	1350	1480
27							1450	1380	1400	1510	1380	1460
28							1400	1370	1390	1420	1380	1410
29							1430	936	1240	1470	1380	1420
30							1060	958	1020	1500	1430	1460
31							1180	1010	1110	1560	1370	1460

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306200 PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395516 LONGITUDE 1081749 DRAINAGE AREA 506.00 DATUM 6070.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1390	879	1300	1410	1350	1390						
2	1500	878	1150	1410	1360	1390						
3	1490	1460	1480	1400	1350	1380						
4	1470	1440	1460	1390	1330	1360						
5	1580	1430	1470	1390	1320	1370						
6	1480	1440	1460	1360	1310	1340						
7	1440	1410	1430	1360	1290	1330						
8	1520	1420	1460	1400	1330	1360						
9	1590	1400	1500	1400	1350	1380						
10	1520	1270	1430	1410	1350	1380						
11	1450	1250	1350	1400	1340	1370						
12	1460	1230	1340	1380	1330	1350						
13	1410	1200	1300	1350	1330	1340						
14	1400	1380	1390	---	---	---						
15	1400	1200	1340	---	---	---						
16	1340	1160	1250	---	---	---						
17	1360	1080	1260	---	---	---						
18	1300	558	1030	---	---	---						
19	1040	666	864	---	---	---						
20	1040	683	877	---	---	---						
21	1420	667	955	---	---	---						
22	1430	1380	1410	---	---	---						
23	1420	1370	1390	---	---	---						
24	1460	1380	1410	---	---	---						
25	1490	1400	1440	---	---	---						
26	1470	1380	1420	---	---	---						
27	1450	1060	1350	---	---	---						
28	1410	1080	1270	---	---	---						
29	1380	1150	1290	---	---	---						
30	---	---	---	---	---	---						
31	---	---	---	---	---	---						

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306200 PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395516 LONGITUDE 1081749 DRAINAGE AREA 506.00 DATUM 6070.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
YEAR	1660	558	1380									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306200 PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395516 LONGITUDE 1081749 DRAINAGE AREA 506.00 DATUM 6070.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1							---	---	---	.5	.5	.5
2							---	---	---	3.5	.0	.5
3							---	---	---	---	---	---
4							---	---	---	4.5	2.5	4.0
5							---	---	---	3.5	.5	2.0
6							---	---	---	3.0	.5	1.0
7							3.0	2.5	3.0	2.0	.0	1.0
8							4.5	1.5	3.0	4.0	.5	2.5
9							4.0	-0.5	2.0	4.5	2.0	3.5
10							4.5	.5	2.5	4.5	-0.5	2.0
11							3.0	.0	1.0	-0.5	-0.5	-0.5
12							.5	.5	.5	3.0	-0.5	1.5
13							.5	.5	.5	5.5	2.5	4.0
14							.5	.5	.5	4.5	4.0	4.0
15							.5	.5	.5	5.5	3.5	4.5
16							.5	.5	.5	6.0	4.0	5.0
17							.5	.5	.5	6.0	3.0	4.5
18							.5	.5	.5	5.5	3.5	4.5
19							.5	.5	.5	3.0	1.0	2.0
20							.5	.5	.5	3.5	.5	1.5
21							.5	.0	.5	3.5	.5	1.5
22							3.5	.0	2.0	3.5	.5	1.5
23							3.5	.5	2.5	2.0	.5	1.0
24							1.0	.0	.5	4.0	.5	1.5
25							3.0	.0	1.5	5.5	.5	2.5
26							2.0	.0	.5	2.5	.5	1.0
27							2.5	.5	1.5	.5	.5	.5
28							3.0	1.0	2.0	.5	.5	.5
29							1.5	.0	.0	3.5	.5	1.5
30							.0	.0	.0	2.5	.0	1.0
31							.5	.0	.0	.5	.0	.5

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306200 PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395516 LONGITUDE 1081749 DRAINAGE AREA 506.00 DATUM 6070.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	.5	.5	.5	9.5	3.0	6.0						
2	3.0	.5	1.5	6.0	2.0	4.5						
3	6.0	1.5	3.5	6.5	3.5	5.0						
4	6.5	3.5	4.5	8.0	3.5	5.5						
5	4.5	.0	2.0	8.0	3.0	5.5						
6	4.0	1.0	2.5	6.0	4.0	4.5						
7	4.5	1.5	3.0	7.5	2.0	5.0						
8	1.5	.5	.5	8.5	3.0	6.0						
9	1.0	.5	.5	8.5	2.0	5.5						
10	.5	.5	.5	10.0	2.0	6.0						
11	.5	.5	.5	7.0	2.5	5.0						
12	.5	.5	.5	8.0	3.0	5.5						
13	4.5	.0	1.0	4.5	.5	2.0						
14	5.5	2.5	4.0	---	---	---						
15	6.5	4.0	5.0	---	---	---						
16	7.5	3.5	5.0	---	---	---						
17	6.5	3.0	4.5	---	---	---						
18	7.0	2.0	4.0	---	---	---						
19	7.0	2.0	4.0	---	---	---						
20	5.5	3.5	4.5	---	---	---						
21	6.0	3.5	4.5	---	---	---						
22	7.0	3.5	5.0	---	---	---						
23	5.5	2.0	4.0	---	---	---						
24	7.0	.0	3.5	---	---	---						
25	7.0	.0	3.5	---	---	---						
26	8.5	1.0	4.5	---	---	---						
27	9.0	1.5	5.5	---	---	---						
28	8.5	2.0	5.5	---	---	---						
29	6.0	4.0	5.5	---	---	---						
30	---	---	---	---	---	---						
31	---	---	---	---	---	---						

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306200 PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395516 LONGITUDE 1081749 DRAINAGE AREA 506.00 DATUM 6070.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
YEAR	10.0	-0.5	2.5									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306222 PICEANCE CREEK AT WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400439 LONGITUDE 1081408 DRAINAGE AREA 652.00 DATUM 5730.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	2700	---	---	1470	---	---	2150	---	---	---	---	---
2	2580	---	---	1430	---	---	1960	---	---	---	---	---
3	2560	---	---	1290	---	---	1810	1620	1730	---	---	---
4	2500	---	---	---	---	---	1670	---	---	---	---	---
5	2480	---	---	1350	---	---	1640	---	---	---	---	---
6	2560	---	---	1340	1210	1270	1730	1600	1670	---	---	---
7	2590	---	---	1320	---	---	1740	1660	1710	517	---	---
8	2610	---	---	1280	---	---	1710	---	---	102	---	---
9	2550	2470	2500	1290	---	---	1730	---	---	1650	1600	752
10	2520	2440	2480	1280	---	---	1840	---	---	1760	---	---
11	2500	2400	2450	1210	---	---	1750	1660	1700	1880	---	---
12	2440	---	---	---	---	---	2320	---	---	---	---	---
13	2400	---	---	---	---	---	1890	---	---	1590	---	---
14	2320	---	---	1280	1160	1220	---	---	---	1720	---	---
15	2360	---	---	1280	1150	1190	1890	---	---	1740	---	---
16	2290	---	---	1260	---	---	1960	---	---	1820	---	---
17	2180	2130	2160	1160	---	---	1900	---	---	1840	---	---
18	2250	---	---	1230	---	---	1850	---	---	1830	---	---
19	2190	---	---	1210	---	---	1800	---	---	---	---	---
20	2560	---	---	1170	1080	1110	1830	---	---	---	---	---
21	2120	1890	2020	1160	903	1100	1780	---	---	---	---	---
22	2030	1730	1850	1330	894	1040	---	---	---	---	---	---
23	1960	1790	1860	1330	---	---	1600	---	---	1900	---	---
24	1830	1720	1770	1170	883	1030	1620	---	---	1700	---	---
25	1700	1580	1640	1150	704	1070	1810	---	---	1650	---	---
26	1630	1550	1580	1130	633	803	1680	---	---	1640	---	---
27	1600	---	---	1060	392	996	1620	---	---	---	---	---
28	1610	1520	1560	1910	1060	1480	1610	---	---	1630	---	---
29	1570	1490	1540	2170	---	---	1900	---	---	1740	---	---
30	1490	1400	1430	2270	1910	2090	1890	---	---	1580	---	---
31	1490	---	---	---	---	---	---	---	---	1740	---	---

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306222 PICEANCE CREEK AT WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400439 LONGITUDE 1081408 DRAINAGE AREA 652.00 DATUM 5730.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	1630	---	---	1910	1790	1870						
2	1100	---	---	1900	1860	1870						
3	1150	---	---	1880	1830	1860						
4	---	---	---	1840	1780	1800						
5	---	---	---	1790	---	---						
6	---	---	---	1780	1730	1750						
7	1930	---	---	1760	1650	1710						
8	2210	---	---	1910	1730	1810						
9	2630	---	---	1940	1860	1890						
10	---	---	---	1920	1830	1880						
11	---	---	---	1840	1790	1820						
12	1820	---	---	1820	1750	1780						
13	1990	---	---	1800	1480	1730						
14	1630	1120	781	---	---	---						
15	1650	958	1210	---	---	---						
16	1570	---	---	---	---	---						
17	1550	1430	1500	---	---	---						
18	1470	---	---	---	---	---						
19	1080	---	---	---	---	---						
20	1420	1030	1170	---	---	---						
21	1920	1450	1700	---	---	---						
22	1910	---	---	---	---	---						
23	1940	---	---	---	---	---						
24	1770	---	---	---	---	---						
25	1720	---	---	---	---	---						
26	1580	---	---	---	---	---						
27	1810	---	---	---	---	---						
28	1700	---	---	---	---	---						
29	1820	---	---	---	---	---						
30	---	---	---	---	---	---						
31	---	---	---	---	---	---						

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306222 PICEANCE CREEK AT WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400439 LONGITUDE 1081408 DRAINAGE AREA 652.00 DATUM 5730.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980
PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
YEAR	2700	392	1590									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306222 PICEANCE CREEK AT WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400439 LONGITUDE 1081408 DRAINAGE AREA 652.00 DATUM 5730.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	19.0	---	---	2.5	---	---	.5	---	---	.5	---	---
2	18.0	---	---	5.0	---	---	.5	---	---	.5	---	---
3	17.5	---	---	2.0	---	---	.0	.0	.0	---	---	---
4	13.0	---	---	---	---	---	.0	.0	.0	---	---	---
5	11.0	---	---	8.0	---	---	.0	---	---	---	---	---
6	17.5	---	---	7.5	2.0	4.5	.0	-0.5	.0	---	---	---
7	18.0	---	---	7.5	---	---	.0	-0.5	.0	-0.5	---	---
8	17.5	---	---	---	---	---	.0	-0.5	.0	.0	---	---
9	16.5	7.5	11.5	7.0	---	---	.0	---	---	.0	-0.5	.0
10	16.5	6.0	10.5	7.0	---	---	.0	---	---	.0	---	---
11	16.0	6.0	10.5	4.5	---	---	.0	-0.5	.0	.5	---	---
12	14.5	6.0	10.0	---	---	---	.0	.0	.0	---	---	---
13	16.0	---	---	---	---	---	.0	---	---	.0	---	---
14	11.5	---	---	6.0	1.5	4.0	---	---	---	.0	-0.5	.0
15	15.5	---	---	5.5	.5	2.0	.0	---	---	.0	---	---
16	16.0	---	---	4.5	---	---	.0	---	---	2.5	---	---
17	13.0	5.5	9.5	.5	---	---	.0	-0.5	.0	4.0	---	---
18	14.0	---	---	5.0	---	---	.0	---	---	3.0	---	---
19	13.0	---	---	4.5	1.0	3.0	---	---	---	---	---	---
20	9.0	---	---	3.0	.5	1.5	.0	---	---	---	---	---
21	9.0	6.0	7.0	1.5	.5	.5	.0	---	---	---	---	---
22	9.5	4.0	6.5	1.0	.5	.5	---	---	---	---	---	---
23	10.5	5.0	7.5	.5	.5	.5	.0	---	---	1.0	---	---
24	10.5	5.5	7.5	1.0	.5	.5	.0	---	---	1.0	---	---
25	11.5	5.5	8.0	1.0	---	---	.0	---	---	1.0	---	---
26	10.5	6.0	8.0	1.0	.5	.5	.5	---	---	1.0	---	---
27	10.5	6.0	8.0	.5	.5	.5	.0	---	---	---	---	---
28	9.0	4.5	6.5	.5	.0	.5	.5	---	---	1.0	---	---
29	6.5	3.5	5.0	.5	.0	.0	.5	---	---	1.0	---	---
30	6.5	1.5	3.5	.5	.0	.5	.0	---	---	1.0	---	---
31	5.0	---	---	---	---	---	.5	---	---	1.0	---	---

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306222 PICEANCE CREEK AT WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400439 LONGITUDE 1081408 DRAINAGE AREA 652.00 DATUM 5730.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.0	---	---	9.0	3.0	5.5						
2	.5	---	---	7.0	2.5	4.5						
3	.5	---	---	6.0	3.5	4.5						
4	---	---	---	8.0	3.5	5.5						
5	---	---	---	8.0	3.5	5.5						
6	---	---	---	5.5	4.0	4.5						
7	2.5	---	---	6.0	1.0	4.0						
8	.5	---	---	9.0	3.0	6.0						
9	.5	---	---	9.0	3.0	6.0						
10	---	---	---	10.0	2.5	6.0						
11	---	---	---	7.5	3.0	5.5						
12	.0	---	---	8.5	2.5	5.5						
13	.5	---	---	7.5	1.0	3.0						
14	1.0	.5	.5	---	---	---						
15	1.5	.5	.5	---	---	---						
16	6.0	---	---	---	---	---						
17	5.5	3.5	4.5	---	---	---						
18	4.0	---	---	---	---	---						
19	5.0	---	---	---	---	---						
20	4.0	3.0	3.5	---	---	---						
21	6.0	3.5	4.5	---	---	---						
22	6.5	---	---	---	---	---						
23	5.0	---	---	---	---	---						
24	5.5	---	---	---	---	---						
25	6.0	---	---	---	---	---						
26	6.5	---	---	---	---	---						
27	8.0	---	---	---	---	---						
28	7.5	---	---	---	---	---						
29	7.0	---	---	---	---	---						
30	---	---	---	---	---	---						
31	---	---	---	---	---	---						

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306222 PICEANCE CREEK AT WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400439 LONGITUDE 1081408 DRAINAGE AREA 652.00 DATUM 5730.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
YEAR	19.0	-0.5	4.0									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306255 YELLOW CREEK NEAR WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 401007 LONGITUDE 1082402 DRAINAGE AREA 262.00 DATUM 5535.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	3760	2860	3360	3490	3210	3330	3620	3550	3600
2	---	---	---	3700	2850	3340	3380	3180	3280	3590	3530	3570
3	---	---	---	3770	2920	3350	3250	3120	3210	3600	3470	3550
4	---	---	---	3700	3110	3350	3330	3210	3270	3540	3480	3510
5	---	---	---	3860	3150	3360	3590	3150	3340	3570	3460	3490
6	---	---	---	3700	3140	3380	3260	3120	3190	3630	3330	3510
7	---	---	---	3430	3350	3400	3250	3110	3200	3590	3340	3470
8	---	---	---	3410	3330	3380	3370	3180	3280	3470	3440	3460
9	3250	3150	3180	3410	3310	3380	3480	3260	3390	3460	3290	3400
10	3270	3180	3200	3590	3170	3350	3550	3310	3430	3330	3210	3270
11	3270	3180	3220	3420	3250	3330	3620	3270	3430	---	---	---
12	3300	3180	3220	3600	3000	3320	3680	3320	3530	---	---	---
13	3310	3200	3240	3620	2940	3340	3690	3400	3550	---	---	---
14	3340	3220	3270	3720	3280	3330	3670	3410	3570	3030	2290	2760
15	3340	3230	3260	3790	2810	3330	3680	3440	3570	3310	3070	3220
16	3320	3200	3260	3760	2810	3360	3740	3450	3600	3360	3310	3340
17	3290	3190	3230	3720	2870	3370	3750	3530	3630	3390	3310	3360
18	3350	3170	3220	3360	3180	3270	3830	3570	3690	3390	3270	3340
19	3280	3200	3230	3540	3100	3240	3880	3560	3720	3540	3290	3420
20	3280	2260	2970	3270	2910	3090	3720	3570	3650	3610	3170	3440
21	3310	3130	3260	3950	3020	3400	3790	3550	3650	3580	3190	3410
22	3410	3170	3270	4120	3160	3620	3660	3590	3620	3530	3210	3410
23	3390	3230	3280	3790	3290	3530	3660	3600	3630	3610	3140	3430
24	3320	2320	3260	3320	3160	3250	3700	3490	3610	3420	3230	3350
25	3370	3240	3280	3270	3150	3200	3610	3550	3580	3420	3240	3360
26	3320	3230	3270	3310	3160	3240	3690	3520	3590	3760	3270	3510
27	3280	3200	3240	3630	3300	3420	3570	3460	3550	3750	3310	3500
28	3330	3120	3210	3850	3450	3650	3590	3480	3540	3560	3330	3450
29	3230	3060	3150	3740	3360	3540	3760	3400	3570	3560	3330	3460
30	3370	3010	3230	3630	3290	3440	3690	3460	3580	3850	3430	3630
31	3670	2850	3340	---	---	---	3770	3430	3600	3830	3460	3660

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306255 YELLOW CREEK NEAR WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 401007 LONGITUDE 1082402 DRAINAGE AREA 262.00 DATUM 5535.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	3660	3400	3530	---	---	---	3210	3090	3150			
2	3540	3400	3480	---	---	---	3070	2960	3040			
3	3480	3330	3440	---	---	---	3360	2810	3160			
4	3710	3480	3600	---	---	---	3470	3340	3400			
5	3650	3310	3500	---	---	---	3530	3300	3430			
6	3430	3330	3380	---	---	---	3570	3410	3480			
7	---	---	---	---	---	---	3640	3470	3560			
8	3670	3350	3450	---	---	---	3750	3150	3530			
9	3710	3470	3610	---	---	---	3770	3020	3540			
10	3590	3430	3520	---	---	---	3740	3530	3640			
11	3540	3440	3490	---	---	---	3620	3520	3580			
12	3520	3460	3490	---	---	---	3670	3180	3520			
13	3540	3480	3510	3620	3050	3420	3660	3190	3520			
14	3490	3220	3360	3670	2330	3150	3620	3340	3510			
15	3350	2770	3080	3650	2470	2930	3720	3420	3490			
16	3280	2540	2990	3710	3400	3530	3530	3360	3440			
17	3040	2760	2930	4070	3590	3780	3500	3340	3410			
18	2610	517	1540	3840	3340	3420	3550	3400	3460			
19	748	584	663	3730	3000	3540	3550	3410	3480			
20	782	613	688	3760	3310	3620	3600	3450	3500			
21	1370	738	1110	3780	3080	3590	3660	3450	3520			
22	---	---	---	3670	2750	3410	4110	3450	3510			
23	---	---	---	3720	3500	3660	3590	3410	3490			
24	---	---	---	3720	3370	3600	3510	3490	3500			
25	---	---	---	4380	3460	3610	---	---	---			
26	---	---	---	3620	3340	3540	---	---	---			
27	---	---	---	3690	2630	3360	---	---	---			
28	---	---	---	3570	3480	3520	---	---	---			
29	---	---	---	3550	3370	3450	---	---	---			
30	---	---	---	3370	3140	3300	---	---	---			
31	---	---	---	3280	3150	3210	---	---	---			

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306255 YELLOW CREEK NEAR WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 401007 LONGITUDE 1092402 DRAINAGE AREA 262.00 DATUM 5535.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	3570	3120	3400						
2	---	---	---	3800	2910	3400						
3	---	---	---	3530	3440	3470						
4	---	---	---	3510	3400	3440						
5	3530	3340	3070	3670	3380	3450						
6	3470	3290	3360	3530	3350	3430						
7	3440	3260	3320	3440	3340	3390						
8	3400	3230	3290	3430	3300	3360						
9	3390	3210	3270	3570	3340	3430						
10	4440	3180	3390	3470	3340	3390						
11	3610	3270	3390	3470	3320	3370						
12	3470	3220	3340	3450	3310	3360						
13	3460	3220	3320	3390	3270	3310						
14	3470	3110	3320	3440	3280	3350						
15	3410	3080	3300	3480	3270	3340						
16	3380	3060	3230	3470	3250	3330						
17	3390	3110	3270	3460	3230	3310						
18	3460	3050	3310	3420	3210	3280						
19	3430	3300	3380	3420	3190	3280						
20	3550	3310	3390	3410	3190	3260						
21	3480	3300	3370	3400	3160	3240						
22	3510	3300	3410	3380	3160	3240						
23	3650	3340	3490	3350	3150	3210						
24	3410	3220	3340	3200	3160	3170						
25	3370	3120	3300	---	---	---						
26	3480	3300	3360	---	---	---						
27	3520	3070	3360	---	---	---						
28	3300	3160	3220	---	---	---						
29	3380	3260	3300	---	---	---						
30	3470	3380	3410	---	---	---						
31	---	---	---	---	---	---						
YEAR	4440	517	3350									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306255 YELLOW CREEK NEAR WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 401007 LONGITUDE 1082402 DRAINAGE AREA 262.00 DATUM 5535.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	1.5	.0	.5	.5	.0	.0	2.5	.0	1.0
2	---	---	---	6.5	.0	1.5	.5	.0	.0	2.5	1.0	1.5
3	---	---	---	7.5	.5	2.0	.5	.0	.5	2.0	.0	1.0
4	---	---	---	8.5	.5	3.0	.5	.0	.0	3.0	.5	1.5
5	---	---	---	10.5	.5	3.5	.5	.0	.0	2.5	.0	1.0
6	---	---	---	9.0	.5	3.5	.5	.0	.0	2.0	.0	.5
7	---	---	---	8.0	1.5	4.5	.5	.0	.5	1.0	.0	.0
8	---	---	---	10.0	1.0	4.5	2.5	.5	1.5	3.0	.0	1.5
9	19.5	4.5	13.0	8.5	1.0	4.0	3.0	.5	1.0	4.0	1.0	2.0
10	19.5	2.5	9.5	8.5	.5	3.0	3.0	.0	1.0	4.0	.0	2.5
11	19.0	2.5	9.0	7.0	.5	3.0	2.5	.5	1.0	---	---	---
12	16.0	2.0	8.0	8.0	.5	2.0	.5	.0	.0	---	---	---
13	19.0	2.0	9.5	7.0	.5	1.5	.5	.0	.0	---	---	---
14	13.0	3.5	8.0	6.5	.0	1.5	.5	.0	.0	3.5	.0	3.0
15	17.5	2.5	9.5	5.0	.0	1.0	.5	.0	.5	5.0	2.5	3.5
16	18.0	5.5	10.5	4.5	.0	1.0	.5	.0	.5	4.5	2.5	3.0
17	15.5	1.5	8.0	3.0	.5	1.5	.5	.0	.5	5.0	2.0	3.0
18	16.5	6.0	10.5	7.5	.5	3.5	.5	.0	.5	4.5	1.0	2.5
19	17.5	8.0	10.5	4.0	.5	1.0	.5	.0	.5	2.0	.0	.5
20	8.0	3.0	5.5	.5	.0	.0	.5	.0	.5	.0	.0	.0
21	10.0	2.0	5.5	.5	.0	.5	2.0	.0	.5	.0	.0	.0
22	12.5	.0	5.0	.5	.0	.0	3.0	2.0	2.5	.0	.0	.0
23	14.5	.0	6.5	.5	.0	.0	3.5	1.5	2.5	.0	.0	.0
24	12.5	1.5	6.0	.5	.0	.5	2.5	.5	1.0	.0	.0	.0
25	15.0	1.0	7.0	.5	.5	.5	3.0	.5	1.0	1.0	.0	.0
26	14.5	2.0	7.5	.5	.0	.5	1.0	.5	.5	.0	.0	.0
27	14.0	1.5	6.5	.5	.0	.0	2.5	.5	1.5	.0	.0	.0
28	11.5	.0	5.0	.0	.0	.0	3.0	1.5	2.0	.0	.0	.0
29	5.5	.5	3.0	.5	.0	.0	2.0	.5	.5	.0	.0	.0
30	8.5	.5	2.5	.5	.0	.0	2.5	.5	.5	.0	.0	.0
31	5.0	.0	1.0	---	---	---	.5	.0	.0	.5	.0	.0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306255 YELLOW CREEK NEAR WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 401007 LONGITUDE 1082402 DRAINAGE AREA 262.00 DATUM 5535.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	.0	.0	.0	---	---	---	14.0	.5	5.5	---		
2	.0	.0	.0	---	---	---	8.0	.5	3.5	---		
3	2.0	.0	.5	---	---	---	14.0	.5	5.5	---		
4	3.5	.5	2.0	---	---	---	19.5	2.5	9.0	---		
5	2.0	.0	.5	---	---	---	18.5	2.0	8.0	---		
6	3.5	.0	1.0	---	---	---	16.5	3.0	7.5	---		
7	---	---	---	---	---	---	15.5	1.0	6.0	---		
8	.5	.0	.0	---	---	---	18.0	.5	6.5	---		
9	.5	.0	.0	---	---	---	20.0	.5	8.5	---		
10	.5	.0	.5	---	---	---	16.5	4.0	8.0	---		
11	.5	.0	.5	---	---	---	9.5	1.0	5.0	---		
12	.5	.0	.5	---	---	---	12.0	.5	6.5	---		
13	.5	.0	.5	10.0	.5	5.0	17.0	6.0	10.0	---		
14	3.0	.0	1.5	13.5	.0	4.5	19.5	2.5	10.0	---		
15	5.5	2.0	3.5	11.0	1.0	5.0	20.0	2.5	9.5	.0		
16	6.0	1.5	3.0	7.5	.0	3.5	21.5	1.0	10.0	---		
17	5.0	1.5	3.0	8.0	.0	5.0	23.0	5.0	11.0	---		
18	1.5	.0	.5	---	---	---	24.0	3.0	12.0	---		
19	.5	.0	.0	---	---	---	25.0	3.0	13.0	---		
20	1.5	.0	.5	16.0	2.5	7.5	24.5	5.5	13.0	---		
21	4.5	.0	1.5	15.5	.5	6.0	22.0	6.5	12.0	---		
22	---	---	---	9.0	1.5	5.0	20.5	7.5	12.0	---		
23	---	---	---	15.5	2.5	7.0	20.0	6.5	11.5	---		
24	---	---	---	15.0	3.0	7.5	11.0	9.0	9.5	---		
25	---	---	---	7.0	1.5	4.0	---	---	---	---		
26	---	---	---	16.0	1.0	6.0	---	---	---	---		
27	---	---	---	17.0	.5	6.0	---	---	---	---		
28	---	---	---	8.5	1.5	4.5	---	---	---	---		
29	---	---	---	16.5	2.0	7.0	---	---	---	---		
30	---	---	---	8.0	.5	3.0	---	---	---	---		
31	---	---	---	12.5	.5	4.5	---	---	---	---		

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 12-29-80

STATION NUMBER 09306255 YELLOW CREEK NEAR WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 401007 LONGITUDE 1082402 DRAINAGE AREA 262.00 DATUM 5535.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	30.0	14.0	20.0						
2	---	---	---	25.5	14.5	18.0						
3	---	---	---	28.5	11.5	19.0						
4	---	---	---	31.0	10.5	19.5						
5	28.0	9.5	12.0	30.0	8.0	18.0						
6	27.0	5.5	14.5	31.0	7.0	18.5						
7	29.0	5.5	16.0	24.5	10.5	17.5						
8	30.0	5.5	16.5	27.5	12.5	19.5						
9	31.5	6.0	17.5	31.0	11.0	20.0						
10	26.0	7.0	15.5	27.5	12.0	19.0						
11	28.0	9.0	16.0	28.5	12.5	20.0						
12	23.5	7.5	15.0	26.5	11.5	18.5						
13	23.5	7.5	15.0	24.5	5.0	17.0						
14	22.0	7.0	14.5	27.0	11.0	18.0						
15	23.0	7.5	15.0	28.5	9.0	18.0						
16	28.5	7.0	16.5	31.0	9.5	19.0						
17	24.5	7.5	16.0	30.0	10.0	19.5						
18	24.5	10.0	19.5	30.0	12.0	20.5						
19	27.5	10.5	18.0	29.0	11.5	19.5						
20	28.0	9.0	18.0	30.0	10.0	19.0						
21	31.5	8.5	19.5	31.0	9.5	19.5						
22	31.0	8.5	18.5	29.5	9.5	19.0						
23	27.5	8.0	17.0	31.0	12.0	19.0						
24	30.5	7.5	18.0	20.5	12.0	14.0						
25	30.5	7.5	18.0	---	---	---						
26	29.5	8.5	18.0	---	---	---						
27	28.5	9.0	18.0	---	---	---						
28	30.5	6.5	17.5	---	---	---						
29	29.0	7.5	18.0	---	---	---						
30	28.5	13.0	19.0	---	---	---						
31	---	---	---	---	---	---						
YEAR	31.5	.0	6.5									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

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WATER QUALITY DATA

DATE	ALKALINITY (MG/L AS CACO3) (00410)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BICARBONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DISSOLVED (UG/L AS B) (01020)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	CARBONATE (MG/L AS CO3) (00445)
NOV , 1979												
06...	130	--	--	--	--	--	--	30	--	--	67	--
30...	160	--	--	--	--	--	--	40	--	--	87	--
MAR , 1980												
18...	120	--	--	--	--	--	--	30	--	--	75	--
APR												
17...	130	--	--	--	--	--	--	250	--	--	74	--
JUN												
03...	89	20	--	1	30	--	--	80	--	1	34	--
JUL												
14...	160	--	--	--	--	--	--	40	--	--	67	--
AUG												
29...	190	--	--	--	--	--	--	60	--	--	87	--
SEP												
18...	170	10	--	2	40	--	--	90	--	<1	63	--
30...	150	0	--	2	30	--	--	20	--	<1	76	--
OCT												
31...	140	--	--	--	--	--	--	50	--	--	68	--

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WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COLIFORM, FECAL, 0.45 UM-MF (COLS./100 ML) (31616)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DISSOLVED (UG/L AS CU) (01040)	CYANIDE DISSOLVED (MG/L AS CN) (00723)	STREPTOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
NOV , 1979											
06...	--	30	--	--	K22	--	--	--	.2	20	--
30...	--	45	--	--	K500	--	--	--	.2	100	--
MAR , 1980											
18...	--	36	--	--	--	--	--	--	.2	270	--
APR											
17...	--	28	--	--	--	--	--	--	.2	<10	--
JUN											
03...	--	6.5	0	--	156	3	--	--	.1	10	3
JUL											
14...	--	20	--	--	K1400	--	--	--	.4	20	--
AUG											
29...	--	34	--	--	--	--	--	--	.3	10	--
SEP											
18...	--	34	0	--	--	2	--	--	.4	40	1
30...	--	36	10	--	--	3	--	--	.2	10	1
OCT											
31...	--	31	--	--	--	--	--	--	.2	20	--

WATER QUALITY DATA

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS-SOLVED (MG/L AS C) (00682)	CARBON, INOR-GANIC, DIS-SOLVED (MG/L AS C) (00691)
NOV , 1979											
06...	--	17	--	--	--	--	--	--	--	--	--
30...	--	21	--	--	--	--	--	--	--	--	--
MAR , 1980											
18...	--	21	--	--	--	--	--	--	--	--	--
APR											
17...	--	25	--	--	--	--	--	--	--	--	--
JUN											
03...	<4	8.5	7	.0	--	<10	--	--	--	--	--
JUL											
14...	--	20	--	--	--	--	--	--	--	--	--
AUG											
29...	--	26	--	--	--	--	--	--	--	--	--
SEP											
18...	10	25	6	.0	--	<10	--	--	--	--	--
30...	10	20	10	.0	--	2	--	--	--	--	--
OCT											
31...	--	21	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPHOSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
NOV , 1979											
06...	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--
MAR , 1980											
18...	--	--	--	--	--	--	--	--	--	--	--
APR											
17...	--	--	--	--	--	--	--	--	--	--	--
JUN											
03...	--	--	--	--	--	--	--	--	--	--	--
JUL											
14...	--	--	--	--	--	--	--	--	--	--	--
AUG											
29...	--	--	--	--	--	--	--	--	--	--	--
SEP											
18...	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--
OCT											
31...	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB, TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
NOV , 1979											
06...	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--
MAR , 1980											
18...	--	--	--	--	--	--	--	--	--	--	--
APR											
17...	--	--	--	--	--	--	--	--	--	--	--
JUN											
03...	--	--	--	--	--	--	--	--	--	--	--
JUL											
14...	--	--	--	--	--	--	--	--	--	--	--
AUG											
29...	--	--	--	--	--	--	--	--	--	--	--
SEP											
18...	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--
OCT											
31...	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
NOV , 1979											
06...	1.4	--	13	29	366	--	130	--	--	--	--
30...	2.3	--	17	38	467	--	160	--	--	--	--
MAR , 1980											
18...	1.5	--	16	42	424	--	160	--	--	--	--
APR											
17...	2.3	--	14	38	460	--	200	--	--	--	--
JUN											
03...	1.0	1	11	7.8	163	270	40	--	<3	--	--
JUL											
14...	2.2	--	16	24	366	--	120	--	--	--	--
AUG											
29...	2.0	--	15	40	479	--	160	--	--	--	--
SEP											
18...	1.9	1	12	58	468	860	170	--	4	--	--
30...	1.7	1	14	34	433	750	160	--	<3	--	--
OCT											
31...	1.4	--	14	38	388	--	130	--	--	--	--

WATER QUALITY DATA

DATE	ALKALINITY (MG/L AS CACO3) (00410)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BICARBONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DISSOLVED (UG/L AS B) (01020)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	CARBONATE (MG/L AS CO3) (00445)
OCT , 1979												
24...	420	--	.00	3	--	--	--	210	--	--	68	--
NOV												
14...	390	--	.02	2	--	--	--	80	--	--	83	--
DEC												
13...	450	30	.06	2	100	--	--	190	.1	<1	80	--
JAN , 1980												
23...	390	--	.05	3	--	--	--	210	--	--	65	--
FEB												
20...	370	--	.00	3	--	--	--	180	--	--	65	--
MAR												
25...	380	--	.04	3	--	--	--	190	--	--	63	--
APR												
24...	270	--	.00	3	--	--	--	130	--	--	55	--
MAY												
15...	--	--	--	--	--	--	--	--	--	--	--	--
15...	270	30	.02	4	90	--	--	110	.1	<1	56	--
JUN												
12...	450	--	.01	4	--	--	--	200	--	--	70	--
JUL												
16...	460	--	.02	4	--	--	--	280	--	--	71	--
AUG												
18...	360	0	.01	3	100	--	--	210	.0	<1	68	--
SEP												
15...	420	10	.02	3	100	--	--	220	.0	<1	68	--
OCT												
14...	470	--	.01	3	--	--	--	210	--	--	68	--

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WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COLIFORM, FECAL, 0.45 UM-MF (COLS./100 ML) (31616)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DISSOLVED (UG/L AS CU) (01040)	CYANIDE DISSOLVED (MG/L AS CN) (00723)	STREPTOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
OCT , 1979											
24...	--	16	--	--	--	--	--	--	.9	290	--
NOV											
14...	--	6.3	--	--	--	--	--	--	.2	10	--
DEC											
13...	24	12	0	--	K2400	0	--	K40	1.0	10	0
JAN , 1980											
23...	--	13	--	--	--	--	--	--	1.1	10	--
FEB											
20...	--	11	--	--	--	--	--	--	.9	50	--
MAR											
25...	--	11	--	--	--	--	--	--	.3	10	--
APR											
24...	--	10	--	--	--	--	--	--	.6	<10	--
MAY											
15...	--	--	--	--	K420	--	--	--	--	--	--
15...	140	7.7	0	--	--	3	--	--	.4	<10	0
JUN											
12...	--	11	--	--	--	--	--	--	.7	20	--
JUL											
16...	--	14	--	--	--	--	--	--	1.1	30	--
AUG											
18...	11	14	0	--	96	2	--	580	.9	<10	1
SEP											
15...	17	13	0	--	170	2	--	120	.9	10	0
OCT											
14...	--	15	--	--	--	--	--	--	.4	30	--

WATER QUALITY DATA

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS-SOLVED (MG/L AS C) (00682)	CARBON, INOR-GANIC, DIS-SOLVED (MG/L AS C) (00691)
OCT , 1979											
24...	--	46	70	--	--	--	--	--	--	--	--
NOV											
14...	--	68	1	--	--	--	--	--	--	--	--
DEC											
13...	10	50	50	.0	--	<10	--	--	--	--	--
JAN , 1980											
23...	--	48	60	--	--	--	--	--	--	--	--
FEB											
20...	--	40	60	--	--	--	--	--	--	--	--
MAR											
25...	--	40	60	--	--	--	--	--	--	--	--
APR											
24...	--	30	8	--	--	--	--	--	--	--	--
MAY											
15...	--	--	--	--	--	--	--	--	--	--	--
15...	10	29	6	.0	.00	<10	--	--	--	--	--
JUN											
12...	--	45	60	--	--	--	--	--	--	--	--
JUL											
16...	--	51	80	--	--	--	--	--	--	--	--
AUG											
18...	10	41	40	.0	--	16	--	--	--	--	--
SEP											
15...	10	44	40	.0	.00	12	--	--	--	--	--
OCT											
14...	--	52	90	--	--	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPHOSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
OCT , 1979											
24...	--	--	--	--	--	--	--	--	--	--	--
NOV											
14...	--	--	--	--	--	--	--	--	--	--	--
DEC											
13...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1980											
23...	--	--	--	--	--	--	--	--	--	--	--
FEB											
20...	--	--	--	--	--	--	--	--	--	--	--
MAR											
25...	--	--	--	--	--	--	--	--	--	--	--
APR											
24...	--	--	--	--	--	--	--	--	--	--	--
MAY											
15...	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--
JUN											
12...	--	--	--	--	--	--	--	--	--	--	--
JUL											
16...	--	--	--	--	--	--	--	--	--	--	--
AUG											
18...	--	--	--	--	--	--	--	--	--	--	--
SEP											
15...	--	--	--	--	--	--	--	--	--	--	--
OCT											
14...	--	--	--	--	--	--	--	--	--	--	--

WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB, TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
OCT , 1979											
24...	--	--	--	--	--	--	--	--	--	--	1
NOV											
14...	--	--	--	--	--	--	--	--	--	--	0
DEC											
13...	--	--	--	--	--	--	--	--	--	--	0
JAN , 1980											
23...	--	--	--	--	--	--	--	--	--	--	1
FEB											
20...	--	--	--	--	--	--	--	--	--	--	3
MAR											
25...	--	--	--	--	--	--	--	--	--	--	0
APR											
24...	--	--	--	--	--	--	--	--	--	--	1
MAY											
15...	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	0
JUN											
12...	--	--	--	--	--	--	--	--	--	--	1
JUL											
16...	--	--	--	--	--	--	--	--	--	--	2
AUG											
18...	--	--	--	--	--	--	--	--	--	--	0
SEP											
15...	--	--	--	--	--	--	--	--	--	--	0
OCT											
14...	--	--	--	--	--	--	--	--	--	--	10

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WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
OCT , 1979											
24...	3.2	--	17	120	706	--	180	--	--	--	--
NOV											
14...	1.6	--	15	120	873	--	340	--	--	--	--
DEC											
13...	2.6	1	18	130	750	1600	180	--	<3	<1.0	<8.0
JAN , 1980											
23...	2.7	--	17	110	674	--	180	--	--	--	--
FEB											
20...	4.2	--	14	110	610	--	140	--	--	--	--
MAR											
25...	2.5	--	13	110	630	--	160	--	--	--	--
APR											
24...	3.0	--	14	81	491	--	130	--	--	--	--
MAY											
15...	--	--	--	--	--	--	--	--	--	--	--
15...	5.2	2	15	63	466	800	120	--	<3	39	8.2
JUN											
12...	3.4	--	17	120	711	--	170	--	--	--	--
JUL											
16...	4.2	--	16	140	764	--	190	--	--	--	--
AUG											
18...	3.0	1	16	110	644	1400	170	--	<3	<.3	<4.9
SEP											
15...	3.1	1	16	120	682	1500	160	--	<3	<.3	<5.0
OCT											
14...	4.3	--	17	150	782	--	190	--	--	--	--

WATER QUALITY DATA

DATE	ALKALINITY (MG/L AS CACO3) (00410)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BICARBONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DISSOLVED (UG/L AS B) (01020)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	CARBONATE (MG/L AS CO3) (00445)
OCT , 1979												
24...	410	--	.00	2	--	--	--	100	--	--	82	--
NOV												
14...	390	--	.03	3	--	--	--	200	--	--	73	--
DEC												
13...	420	10	.01	1	50	--	--	80	.1	<1	94	--
JAN , 1980												
23...	400	--	.01	2	--	--	--	80	--	--	89	--
FEB												
20...	400	--	.00	2	--	--	--	80	--	--	88	--
MAR												
25...	390	--	.00	2	--	--	--	80	--	--	83	--
APR												
24...	390	--	.00	1	--	--	--	110	--	--	86	--
JUN												
12...	450	50	.01	2	60	--	--	80	.1	<1	95	--
JUL												
16...	410	--	.01	1	--	--	--	110	--	--	88	--
AUG												
18...	380	0	.00	2	50	--	--	110	.0	<1	84	--
SEP												
15...	410	--	.01	2	--	--	--	110	--	--	84	--
OCT												
14...	420	--	.04	2	--	--	--	80	--	--	81	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306022 - STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COLIFORM, FECAL, 0.45 UM-MF (COLS./100 ML) (31616)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DISSOLVED (UG/L AS CU) (01040)	CYANIDE DISSOLVED (MG/L AS CN) (00723)	STREPTOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
OCT , 1979											
24...	--	6.7	--	--	--	--	--	--	.3	10	--
NOV											
14...	--	15	--	--	--	--	--	--	1.1	20	--
DEC											
13...	14	6.0	0	--	K3600	0	--	K36	.3	<10	0
JAN , 1980											
23...	--	6.1	--	--	--	--	--	--	.3	<10	--
FEB											
20...	--	6.1	--	--	--	--	--	--	.3	40	--
MAR											
25...	--	7.2	--	--	--	--	--	--	.0	<10	--
APR											
24...	--	6.1	--	--	--	--	--	--	.3	<10	--
JUN											
12...	11	5.6	0	--	--	0	--	--	.2	<10	0
JUL											
16...	--	5.2	--	--	K81	--	--	K280	.4	<10	--
AUG											
18...	5	6.2	0	--	K30	2	--	230	.3	<10	2
SEP											
15...	--	6.1	--	--	--	--	--	--	.3	<10	--
OCT											
14...	--	6.4	--	--	--	--	--	--	.2	<10	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306022 - STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS-SOLVED (MG/L AS C) (00682)	CARBON, INOR-GANIC, DIS-SOLVED (MG/L AS C) (00691)
OCT , 1979											
24...	--	69	4	--	--	--	--	--	--	--	--
NOV											
14...	--	45	70	--	--	--	--	--	--	--	--
DEC											
13...	6	77	<1	.0	--	<10	--	--	--	--	--
JAN , 1980											
23...	--	74	2	--	--	--	--	--	--	--	--
FEB											
20...	--	72	5	--	--	--	--	--	--	--	--
MAR											
25...	--	67	4	--	--	--	--	--	--	--	--
APR											
24...	--	72	3	--	--	--	--	--	--	--	--
JUN											
12...	<4	75	5	.0	--	21	--	--	--	--	--
JUL											
16...	--	74	<3	--	--	--	--	--	--	--	--
AUG											
18...	7	67	2	.0	--	<10	--	--	--	--	--
SEP											
15...	--	70	2	--	--	--	--	--	--	--	--
OCT											
14...	--	74	4	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306022 - STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPHOSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
OCT , 1979											
24...	--	--	--	--	--	--	--	--	--	--	--
NOV											
14...	--	--	--	--	--	--	--	--	--	--	--
DEC											
13...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1980											
23...	--	--	--	--	--	--	--	--	--	--	--
FEB											
20...	--	--	--	--	--	--	--	--	--	--	--
MAR											
25...	--	--	--	--	--	--	--	--	--	--	--
APR											
24...	--	--	--	--	--	--	--	--	--	--	--
JUN											
12...	--	--	--	--	--	--	--	--	--	--	--
JUL											
16...	--	--	--	--	--	--	--	--	--	--	--
AUG											
18...	--	--	--	--	--	--	--	--	--	--	--
SEP											
15...	--	--	--	--	--	--	--	--	--	--	--
OCT											
14...	--	--	--	--	--	--	--	--	--	--	--

09306022 - STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB, TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
OCT , 1979											
24...	--	--	--	--	--	--	--	--	--	--	0
NOV											
14...	--	--	--	--	--	--	--	--	--	--	0
DEC											
13...	--	--	--	--	--	--	--	--	--	--	0
JAN , 1980											
23...	--	--	--	--	--	--	--	--	--	--	4
FEB											
20...	--	--	--	--	--	--	--	--	--	--	3
MAR											
25...	--	--	--	--	--	--	--	--	--	--	0
APR											
24...	--	--	--	--	--	--	--	--	--	--	1
JUN											
12...	--	--	--	--	--	--	--	--	--	--	1
JUL											
16...	--	--	--	--	--	--	--	--	--	--	1
AUG											
18...	--	--	--	--	--	--	--	--	--	--	0
SEP											
15...	--	--	--	--	--	--	--	--	--	--	14
OCT											
14...	--	--	--	--	--	--	--	--	--	--	0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306022 - STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
OCT , 1979											
24...	1.5	--	15	120	894	--	350	--	--	--	--
NOV											
14...	3.1	--	16	120	691	--	180	--	--	--	--
DEC											
13...	1.3	1	17	130	956	3000	370	--	<3	<.3	<7.3
JAN , 1980											
23...	1.3	--	16	130	911	--	350	--	--	--	--
FEB											
20...	1.7	--	15	120	888	--	340	--	--	--	--
MAR											
25...	1.3	--	14	120	870	--	340	--	--	--	--
APR											
24...	1.4	--	15	130	888	--	340	--	--	--	--
JUN											
12...	1.3	1	15	130	948	2700	350	--	4	1.0	<5.8
JUL											
16...	1.1	--	16	130	914	--	350	--	--	--	--
AUG											
18...	1.2	1	15	120	888	2800	360	--	3	<.3	<6.3
SEP											
15...	1.7	--	16	120	888	--	340	--	--	--	--
OCT											
14...	1.9	--	16	130	906	--	340	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306025 - WEST FORK STEWART GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	ALKALINITY (MG/L AS CACO3) (00410)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BICARBONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DISSOLVED (UG/L AS B) (01020)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	CARBONATE (MG/L AS CO3) (00445)
FEB , 1980												
18...	70	110	.33	1	200	--	--	200	.1	1	16	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306025 - WEST FORK STEWART GULCH NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COLIFORM, FECAL, 0.45 UM-MF (COLS./100 ML) (31616)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DISSOLVED (UG/L AS CU) (01040)	CYANIDE DISSOLVED (MG/L AS CN) (00723)	STREPTOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
FEB , 1980											
18...	290	3.1	0	--	--	2	--	--	.1	480	0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306025 - WEST FORK STEWART GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS- SOLVED (MG/L AS C) (00682)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L AS C) (00691)
FEB , 1980											
18...	0	2.4	40	.0	--	1	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306025 - WEST FORK STEWART GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPHOSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
FEB , 1980											
18...	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306025 - WEST FORK STEWART GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB, TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
FEB , 1980											
18...	--	--	--	--	--	--	--	--	--	--	10

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306025 - WEST FORK STEWART GULCH NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
FEB , 1980											
18...	9.6	0	3.0	2.9	85	130	3.1	--	30	58	11

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306028 - W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	ALKALINITY (MG/L AS CACO3) (00410)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BICARBONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DISSOLVED (UG/L AS B) (01020)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	CARBONATE (MG/L AS CO3) (00445)
FEB , 1980												
18...	52	170	.12	2	200	--	--	160	.0	0	17	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306028 - W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COLIFORM, FECAL, 0.45 UM-MF (COLS./100 ML) (31616)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DISSOLVED (UG/L AS CU) (01040)	CYANIDE DISSOLVED (MG/L AS CN) (00723)	STREPTOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
FEB , 1980											
18...	200	2.8	10	--	--	3	--	--	.1	60	0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306028 - W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS-SOLVED (MG/L AS C) (00682)	CARBON, INOR-GANIC, DIS-SOLVED (MG/L AS C) (00691)
FEB , 1980											
18...	0	2.0	10	.1	--	1	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306028 - W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPHOSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
FEB , 1980											
18...	--	--	--	--	--	--	--	--	--	--	--

WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB, TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
FEB , 1980											
18...	--	--	--	--	--	--	--	--	--	--	8

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306028 - W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
FEB , 1980											
18...	7.0	0	8.1	3.7	82	200	7.6	--	10	<29	9.6

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306033 - SORGHUM GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	ALKALINITY (MG/L AS CACO3) (00410)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BICARBONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DISSOLVED (UG/L AS B) (01020)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	CARBONATE (MG/L AS CO3) (00445)
APR , 1980												
22...	290	20	.00	3	200	--	--	80	.2	<1	65	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306033 - SORGHUM GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COLIFORM, FECAL, 0.45 UM-MF (COLS./100 ML) (31616)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DISSOLVED (UG/L AS CU) (01040)	CYANIDE DISSOLVED (MG/L AS CN) (00723)	STREPTOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
APR , 1980											
22...	17	21	0	--	--	3	--	--	.2	<10	0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306033 - SORGHUM GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS-SOLVED (MG/L AS C) (00682)	CARBON, INOR-GANIC, DIS-SOLVED (MG/L AS C) (00691)
APR , 1980											
22...	20	34	8	.0	--	<10	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306033 - SORGHUM GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPH OSPHATE DISSOL. (MG/L AS P04) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
APR , 1980											
22...	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306033 - SORGHUM GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB, TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
APR , 1980											
22...	--	--	--	--	--	--	--	--	--	--	0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306033 - SORGHUM GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
APR , 1980											
22...	2.6	4	18	100	597	1000	180	--	<3	3.1	7.2

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306036 - SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	ALKALINITY (MG/L AS CACO3) (00410)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BICARBONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DISSOLVED (UG/L AS B) (01020)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	CARBONATE (MG/L AS CO3) (00445)
AUG , 1980 19...	1040	0	.00	10	100	--	--	930	.0	0	16	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306036 - SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COLIFORM, FECAL, 0.45 UM-MF (COLS./100 ML) (31616)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DISSOLVED (UG/L AS CU) (01040)	CYANIDE DISSOLVED (MG/L AS CN) (00723)	STREPTOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
AUG , 1980											
19...	130	9.2	0	--	--	4	--	--	1.0	70	5

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306036 - SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS-SOLVED (MG/L AS C) (00682)	CARBON, INOR-GANIC, DIS-SOLVED (MG/L AS C) (00691)
AUG , 1980											
19...	0	5.4	10	.0	--	14	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306036 - SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPHOSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
AUG , 1980 19...	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306036 - SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB, TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
AUG , 1980											
19...	--	--	--	--	--	--	--	--	--	--	3

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306036 - SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
AUG , 1980 19...	4.2	0	20	590	1530	440	240	--	40	120	<13

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306039 - COTTONWOOD GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	ALKALINITY (MG/L AS CACO3) (00410)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BICARBONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DISSOLVED (UG/L AS B) (01020)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	CARBONATE (MG/L AS CO3) (00445)
APR , 1980												
23...	300	20	.00	2	90	--	--	100	.3	<1	48	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306039 - COTTONWOOD GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COLIFORM, FECAL, 0.45 UM-MF (COLS./100 ML) (31616)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DISSOLVED (UG/L AS CU) (01040)	CYANIDE DISSOLVED (MG/L AS CN) (00723)	STREPTOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
APR , 1980											
23...	15	15	0	--	--	3	--	--	.7	<10	3

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306039 - COTTONWOOD GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS-SOLVED (MG/L AS C) (00682)	CARBON, INOR-GANIC, DIS-SOLVED (MG/L AS C) (00691)
APR , 1980											
23...	20	43	5	.0	--	<10	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306039 - COTTONWOOD GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPHOSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
APR , 1980											
23...	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306039 - COTTONWOOD GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB, TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
APR , 1980											
23...	--	--	--	--	--	--	--	--	--	--	2

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306039 - COTTONWOOD GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
APR , 1980											
23...	1.5	2	16	100	578	2200	170	--	<3	.4	<4.4

WATER QUALITY DATA

DATE	ALKALINITY (MG/L AS CACO3) (00410)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BICARBONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DISSOLVED (UG/L AS B) (01020)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	CARBONATE (MG/L AS CO3) (00445)
OCT , 1979												
18...	190	--	.21	4	--	--	--	190	--	--	35	--
NOV												
30...	440	50	1.9	9	100	--	--	410	.1	<1	38	--
DEC												
08...	490	--	2.0	9	--	--	--	370	--	--	34	--
JAN , 1980												
20...	300	--	1.8	5	--	--	--	250	--	--	39	--
FEB												
19...	250	--	.85	3	--	--	--	220	--	--	19	--
MAR												
26...	590	10	2.3	13	100	--	--	580	.1	<1	21	--
MAY												
13...	560	60	.16	21	90	--	--	580	.1	<1	17	--
JUN												
12...	520	--	.38	13	--	--	--	590	--	--	18	--
JUL												
16...	640	--	.14	16	--	--	--	740	--	--	17	--
AUG												
18...	1110	10	.52	12	100	--	--	800	.1	0	15	--
SEP												
15...	940	--	.02	7	--	--	--	690	--	--	16	--
OCT												
14...	800	--	.28	13	--	--	--	550	--	--	17	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306042 - PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COLIFORM, FECAL, 0.45 UM-MF (COLS./100 ML) (31616)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DISSOLVED (UG/L AS CU) (01040)	CYANIDE DISSOLVED (MG/L AS CN) (00723)	STREPTOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
OCT , 1979											
18...	--	8.8	--	--	--	--	--	--	3.5	110	--
NOV											
30...	26	8.7	0	--	4000	0	--	180	6.0	110	0
DEC											
08...	--	8.1	--	--	--	--	--	--	7.0	40	--
JAN , 1980											
20...	--	15	--	--	--	--	--	--	6.9	20	--
FEB											
19...	--	6.8	--	--	--	--	--	--	2.7	330	--
MAR											
26...	15	8.2	0	--	--	2	--	--	12	30	0
MAY											
13...	35	5.9	0	--	--	2	--	--	12	10	0
JUN											
12...	--	6.5	--	--	--	--	--	--	.6	30	--
JUL											
16...	--	6.5	--	--	--	--	--	--	17	20	--
AUG											
18...	19	7.8	0	--	--	3	--	--	1.6	30	2
SEP											
15...	--	8.2	--	--	--	--	--	--	--	30	--
OCT											
14...	--	8.1	--	--	--	--	--	--	--	110	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306042 - PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS-SOLVED (MG/L AS C) (00682)	CARBON, INOR-GANIC, DIS-SOLVED (MG/L AS C) (00691)
OCT , 1979											
18...	--	18	2	--	--	--	--	--	--	--	--
NOV											
30...	40	23	4	.0	--	29	--	--	--	--	--
DEC											
08...	--	22	5	--	--	--	--	--	--	--	--
JAN , 1980											
20...	--	17	20	--	--	--	--	--	--	--	--
FEB											
19...	--	7.5	10	--	--	--	--	--	--	--	--
MAR											
26...	40	13	2	.0	--	18	--	--	--	--	--
MAY											
13...	20	11	2	.0	--	24	--	--	--	--	--
JUN											
12...	--	9.0	<3	--	--	--	--	--	--	--	--
JUL											
16...	--	7.6	<3	--	--	--	--	--	--	--	--
AUG											
18...	20	8.4	10	.0	--	9	--	--	--	--	--
SEP											
15...	--	6.7	3	--	--	--	--	--	--	--	--
OCT											
14...	--	7.0	10	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306042 - PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPH OSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
OCT , 1979											
18...	--	--	--	--	--	--	--	--	--	--	--
NOV											
30...	--	--	--	--	--	--	--	--	--	--	--
DEC											
08...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1980											
20...	--	--	--	--	--	--	--	--	--	--	--
FEB											
19...	--	--	--	--	--	--	--	--	--	--	--
MAR											
26...	--	--	--	--	--	--	--	--	--	--	--
MAY											
13...	--	--	--	--	--	--	--	--	--	--	--
JUN											
12...	--	--	--	--	--	--	--	--	--	--	--
JUL											
16...	--	--	--	--	--	--	--	--	--	--	--
AUG											
18...	--	--	--	--	--	--	--	--	--	--	--
SEP											
15...	--	--	--	--	--	--	--	--	--	--	--
OCT											
14...	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306042 - PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB, TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
OCT , 1979											
18...	--	--	--	--	--	--	--	--	--	--	2
NOV											
30...	--	--	--	--	--	--	--	--	--	--	2
DEC											
08...	--	--	--	--	--	--	--	--	--	--	3
JAN , 1980											
20...	--	--	--	--	--	--	--	--	--	--	1
FEB											
19...	--	--	--	--	--	--	--	--	--	--	7
MAR											
26...	--	--	--	--	--	--	--	--	--	--	2
MAY											
13...	--	--	--	--	--	--	--	--	--	--	1
JUN											
12...	--	--	--	--	--	--	--	--	--	--	0
JUL											
16...	--	--	--	--	--	--	--	--	--	--	3
AUG											
18...	--	--	--	--	--	--	--	--	--	--	0
SEP											
15...	--	--	--	--	--	--	--	--	--	--	8
OCT											
14...	--	--	--	--	--	--	--	--	--	--	0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306042 - PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
OCT , 1979											
18...	6.7	--	53	220	891	--	410	--	--	--	--
NOV											
30...	6.4	0	38	280	1000	1700	300	--	<3	5.4	6.5
DEC											
08...	4.7	--	27	290	966	--	250	--	--	--	--
JAN , 1980											
20...	6.3	--	7.6	280	1010	--	430	--	--	--	--
FEB											
19...	4.1	--	32	120	491	--	140	--	--	--	--
MAR											
26...	5.7	0	44	410	1190	750	300	--	<3	43	2.3
MAY											
13...	6.2	1	7.5	370	1040	920	260	--	<3	7.5	<8.2
JUN											
12...	5.6	--	59	380	1170	--	370	--	--	--	--
JUL											
16...	5.4	--	43	430	1230	--	300	--	--	--	--
AUG											
18...	4.4	0	18	600	1520	1000	180	--	20	10	<12
SEP											
15...	5.8	--	42	550	1520	--	320	--	--	--	--
OCT											
14...	6.0	--	--	570	1580	--	490	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306050 - SCANDARD GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	ALKALINITY (MG/L AS CACO3) (00410)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BICARBONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DISSOLVED (UG/L AS B) (01020)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	CARBONATE (MG/L AS CO3) (00445)
FEB , 1980												
19...	37	--	.10	1	--	--	--	150	--	--	15	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306050 - SCANDARD GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COLIFORM, FECAL, 0.45 UM-MF (COLS./100 ML) (31616)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DISSOLVED (UG/L AS CU) (01040)	CYANIDE DISSOLVED (MG/L AS CN) (00723)	STREPTOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
FEB , 1980											
19...	--	3.4	--	--	K24	--	--	5100	.1	30	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306050 - SCANDARD GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
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WATER QUALITY DATA

DATE	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS- SOLVED (MG/L AS C) (00682)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L AS C) (00691)
FEB , 1980											
19...	--	1.4	<1	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306050 - SCANDARD GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPH OSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
FEB , 1980											
19...	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306050 - SCANDARD GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB, TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
FEB , 1980											
19...	--	--	--	--	--	--	--	--	--	--	13

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306050 - SCANDARD GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
FEB , 1980											
19...	6.1	--	3.1	1.6	70	--	17	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306052 - SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	ALKALINITY (MG/L AS CACO3) (00410)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BICARBONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DISSOLVED (UG/L AS B) (01020)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	CARBONATE (MG/L AS CO3) (00445)
FEB , 1980												
19...	68	110	.07	3	100	--	--	80	.1	0	21	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306052 - SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COLIFORM, FECAL, 0.45 UM-MF (COLS./100 ML) (31616)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DISSOLVED (UG/L AS CU) (01040)	CYANIDE DISSOLVED (MG/L AS CN) (00723)	STREPTOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
FEB , 1980											
19...	140	5.5	0	--	--	2	--	--	.3	60	0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306052 - SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS- SOLVED (MG/L AS C) (00682)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L AS C) (00691)
FEB , 1980											
19...	0	3.7	10	.0	--	2	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306052 - SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPH OSPHATE DISSOL. (MG/L AS P04) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
FEB , 1980											
19...	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306052 - SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB, TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
FEB , 1980 19...	--	--	--	--	--	--	--	--	--	--	5

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306052 - SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
FEB , 1980 19...	4.8	0	8.7	21	136	180	28	--	10	39	8.5

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306058 - WILLOW CREEK NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	ALKALINITY (MG/L AS CACO3) (00410)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BICARBONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DISSOLVED (UG/L AS B) (01020)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	CARBONATE (MG/L AS CO3) (00445)
OCT , 1979												
24...	410	--	.00	2	--	--	--	120	--	--	88	--
NOV												
15...	400	--	.01	3	--	--	--	120	--	--	95	--
DEC												
13...	410	20	.01	2	60	--	--	100	.1	<1	98	--
JAN , 1980												
22...	390	--	.02	2	--	--	--	110	--	--	91	--
FEB												
19...	340	--	.24	1	--	--	--	140	--	--	76	--
MAR												
25...	370	--	.00	2	--	--	--	110	--	--	86	--
APR												
24...	360	--	.00	1	--	--	--	110	--	--	82	--
MAY												
06...	240	10	.01	2	60	--	--	130	.1	<1	71	--
JUN												
12...	400	--	.07	3	--	--	--	160	--	--	86	--
JUL												
16...	460	--	.00	2	--	--	--	190	--	--	89	--
AUG												
18...	380	0	.00	2	80	--	--	150	.0	<1	86	--
SEP												
15...	360	--	.01	2	--	--	--	120	--	--	80	--
OCT												
14...	370	--	.00	2	--	--	--	110	--	--	77	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306058 - WILLOW CREEK NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COLIFORM, FECAL, 0.45 UM-MF (COLS./100 ML) (31616)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DISSOLVED (UG/L AS CU) (01040)	CYANIDE DISSOLVED (MG/L AS CN) (00723)	STREPTOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
OCT , 1979											
24...	--	14	--	--	--	--	--	--	.4	50	--
NOV											
15...	--	10	--	--	--	--	--	--	.3	120	--
DEC											
13...	12	10	0	--	>800	0	--	250	.4	<10	0
JAN , 1980											
22...	--	11	--	--	--	--	--	--	.4	10	--
FEB											
19...	--	10	--	--	--	--	--	--	.3	70	--
MAR											
25...	--	10	--	--	--	--	--	--	.0	<10	--
APR											
24...	--	11	--	--	--	--	--	--	.4	<10	--
MAY											
06...	1	11	0	--	--	2	--	--	.3	<10	0
JUN											
12...	--	10	--	--	--	--	--	--	.1	30	--
JUL											
16...	--	12	--	--	--	--	--	--	.7	<10	--
AUG											
18...	11	11	10	--	--	2	--	--	.6	<10	0
SEP											
15...	--	10	--	--	--	--	--	--	.4	<10	--
OCT											
14...	--	11	--	--	--	--	--	--	.2	<10	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306058 - WILLOW CREEK NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS-SOLVED (MG/L AS C) (00682)	CARBON, INOR-GANIC, DIS-SOLVED (MG/L AS C) (00691)
OCT , 1979											
24...	--	69	10	--	--	--	--	--	--	--	--
NOV											
15...	--	68	10	--	--	--	--	--	--	--	--
DEC											
13...	7	73	7	.0	--	<10	--	--	--	--	--
JAN , 1980											
22...	--	67	10	--	--	--	--	--	--	--	--
FEB											
19...	--	55	30	--	--	--	--	--	--	--	--
MAR											
25...	--	63	10	--	--	--	--	--	--	--	--
APR											
24...	--	69	7	--	--	--	--	--	--	--	--
MAY											
06...	9	68	2	.0	--	<10	--	--	--	--	--
JUN											
12...	--	69	20	--	--	--	--	--	--	--	--
JUL											
16...	--	74	20	--	--	--	--	--	--	--	--
AUG											
18...	6	61	10	.0	--	11	--	--	--	--	--
SEP											
15...	--	66	4	--	--	--	--	--	--	--	--
OCT											
14...	--	66	5	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306058 - WILLOW CREEK NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPHOSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
OCT , 1979											
24...	--	--	--	--	--	--	--	--	--	--	--
NOV											
15...	--	--	--	--	--	--	--	--	--	--	--
DEC											
13...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1980											
22...	--	--	--	--	--	--	--	--	--	--	--
FEB											
19...	--	--	--	--	--	--	--	--	--	--	--
MAR											
25...	--	--	--	--	--	--	--	--	--	--	--
APR											
24...	--	--	--	--	--	--	--	--	--	--	--
MAY											
06...	--	--	--	--	--	--	--	--	--	--	--
JUN											
12...	--	--	--	--	--	--	--	--	--	--	--
JUL											
16...	--	--	--	--	--	--	--	--	--	--	--
AUG											
18...	--	--	--	--	--	--	--	--	--	--	--
SEP											
15...	--	--	--	--	--	--	--	--	--	--	--
OCT											
14...	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306058 - WILLOW CREEK NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB, TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
OCT , 1979											
24...	--	--	--	--	--	--	--	--	--	--	0
NOV											
15...	--	--	--	--	--	--	--	--	--	--	2
DEC											
13...	--	--	--	--	--	--	--	--	--	--	3
JAN , 1980											
22...	--	--	--	--	--	--	--	--	--	--	1
FEB											
19...	--	--	--	--	--	--	--	--	--	--	4
MAR											
25...	--	--	--	--	--	--	--	--	--	--	0
APR											
24...	--	--	--	--	--	--	--	--	--	--	5
MAY											
06...	--	--	--	--	--	--	--	--	--	--	6
JUN											
12...	--	--	--	--	--	--	--	--	--	--	1
JUL											
16...	--	--	--	--	--	--	--	--	--	--	1
AUG											
18...	--	--	--	--	--	--	--	--	--	--	0
SEP											
15...	--	--	--	--	--	--	--	--	--	--	1
OCT											
14...	--	--	--	--	--	--	--	--	--	--	0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306058 - WILLOW CREEK NEAR RIO BLANCO, CO.

PROCESS DATE 12/30/80
DISTRICT CODE 08

WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
OCT , 1979											
24...	2.4	--	15	110	876	--	330	--	--	--	--
NOV											
15...	2.0	--	16	110	845	--	300	--	--	--	--
DEC											
13...	1.5	1	17	120	902	3100	330	--	<3	<2.0	<7.2
JAN , 1980											
22...	1.5	--	16	120	853	--	310	--	--	--	--
FEB											
19...	5.6	--	14	92	699	--	240	--	--	--	--
MAR											
25...	1.3	--	14	110	808	--	300	--	--	--	--
APR											
24...	1.4	--	15	110	817	--	310	--	--	--	--
MAY											
06...	1.5	1	13	110	767	2600	350	--	<3	<.3	<5.8
JUN											
12...	3.2	--	17	110	848	--	310	--	--	--	--
JUL											
16...	2.4	--	18	130	944	--	340	--	--	--	--
AUG											
18...	2.2	1	17	110	841	2700	320	--	4	1.3	<5.9
SEP											
15...	1.5	--	16	110	812	--	310	--	--	--	--
OCT											
14...	2.1	--	16	120	817	--	300	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306061 - PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	ALKALINITY (MG/L AS CACO3) (00410)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BICARBONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DISSOLVED (UG/L AS B) (01020)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	CARBONATE (MG/L AS CO3) (00445)
OCT , 1979												
24...	480	--	.00	3	--	--	--	200	--	--	72	--
NOV												
15...	430	--	.08	4	--	--	--	180	--	--	79	--
DEC												
12...	450	10	.05	2	90	--	--	170	.1	<1	82	--
JAN , 1980												
22...	450	--	.04	3	--	--	--	200	--	--	78	--
FEB												
19...	260	20	.14	3	200	--	--	170	.1	0	48	--
MAR												
25...	410	--	.06	2	--	--	--	150	--	--	70	--
APR												
24...	290	--	.00	3	--	--	--	140	--	--	55	--
MAY												
14...	290	10	.01	4	90	--	--	110	.1	<1	60	--
JUN												
12...	480	--	.03	3	--	--	--	240	--	--	75	--
JUL												
16...	520	--	.00	3	--	--	--	250	--	--	82	--
AUG												
18...	450	0	.00	3	90	--	--	230	.4	1	67	--
SEP												
15...	430	20	.01	3	90	--	--	200	.0	<1	66	--
OCT												
14...	480	--	.06	3	--	--	--	180	--	--	69	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306061 - PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COLIFORM, FECAL, 0.45 UM-MF (COLS./100 ML) (31616)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DISSOLVED (UG/L AS CU) (01040)	CYANIDE DISSOLVED (MG/L AS CN) (00723)	STREPTOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
OCT , 1979											
24...	--	15	--	--	--	--	--	--	.7	20	--
NOV											
15...	--	11	--	--	--	--	--	--	.6	20	--
DEC											
12...	20	11	0	--	--	0	--	560	.8	10	0
JAN , 1980											
22...	--	12	--	--	--	--	--	--	.7	<10	--
FEB											
19...	110	12	0	--	--	1	--	--	.5	150	0
MAR											
25...	--	10	--	--	--	--	--	--	.0	20	--
APR											
24...	--	11	--	--	--	--	--	--	.5	50	--
MAY											
14...	88	8.6	0	--	--	4	--	--	.7	<10	0
JUN											
12...	--	12	--	--	--	--	--	--	.2	10	--
JUL											
16...	--	13	--	--	--	--	--	--	1.0	20	--
AUG											
18...	13	11	0	--	K40	2	--	2500	1.5	<10	0
SEP											
15...	16	11	20	--	100	2	--	168	1.4	<10	1
OCT											
14...	--	13	--	--	--	--	--	--	.6	20	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306061 - PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS-SOLVED (MG/L AS C) (00682)	CARBON, INOR-GANIC, DIS-SOLVED (MG/L AS C) (00691)
OCT , 1979											
24...	--	63	90	--	--	--	--	--	--	--	--
NOV											
15...	--	61	40	--	--	--	--	--	--	--	--
DEC											
12...	9	64	30	.0	--	<10	--	--	--	--	--
JAN , 1980											
22...	--	61	30	--	--	--	--	--	--	--	--
FEB											
19...	0	38	50	.0	.00	3	--	--	--	--	--
MAR											
25...	--	54	20	--	--	--	--	--	--	--	--
APR											
24...	--	35	5	--	--	--	--	--	--	--	--
MAY											
14...	20	34	7	.0	.00	10	--	--	--	--	--
JUN											
12...	--	69	60	--	--	--	--	--	--	--	--
JUL											
16...	--	74	50	--	--	--	--	--	--	--	--
AUG											
18...	7	51	10	.0	--	18	--	--	--	--	--
SEP											
15...	10	57	10	.0	.00	<10	--	--	--	--	--
OCT											
14...	--	68	50	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306061 - PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPH OSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
OCT , 1979											
24...	--	--	--	--	--	--	--	--	--	--	--
NOV											
15...	--	--	--	--	--	--	--	--	--	--	--
DEC											
12...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1980											
22...	--	--	--	--	--	--	--	--	--	--	--
FEB											
19...	--	--	--	--	--	--	--	--	--	--	--
MAR											
25...	--	--	--	--	--	--	--	--	--	--	--
APR											
24...	--	--	--	--	--	--	--	--	--	--	--
MAY											
14...	--	--	--	--	--	--	--	--	--	--	--
JUN											
12...	--	--	--	--	--	--	--	--	--	--	--
JUL											
16...	--	--	--	--	--	--	--	--	--	--	--
AUG											
18...	--	--	--	--	--	--	--	--	--	--	--
SEP											
15...	--	--	--	--	--	--	--	--	--	--	--
OCT											
14...	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306061 - PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB, TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
OCT , 1979											
24...	--	--	--	--	--	--	--	--	--	--	0
NOV											
15...	--	--	--	--	--	--	--	--	--	--	2
DEC											
12...	--	--	--	--	--	--	--	--	--	--	2
JAN , 1980											
22...	--	--	--	--	--	--	--	--	--	--	1
FEB											
19...	--	--	--	--	--	--	--	--	--	--	12
MAR											
25...	--	--	--	--	--	--	--	--	--	--	0
APR											
24...	--	--	--	--	--	--	--	--	--	--	3
MAY											
14...	--	--	--	--	--	--	--	--	--	--	1
JUN											
12...	--	--	--	--	--	--	--	--	--	--	2
JUL											
16...	--	--	--	--	--	--	--	--	--	--	1
AUG											
18...	--	--	--	--	--	--	--	--	--	--	0
SEP											
15...	--	--	--	--	--	--	--	--	--	--	4
OCT											
14...	--	--	--	--	--	--	--	--	--	--	0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306061 - PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
OCT , 1979											
24...	3.5	--	16	140	870	--	270	--	--	--	--
NOV											
15...	3.0	--	16	130	821	--	260	--	--	--	--
DEC											
12...	2.5	1	18	140	866	2300	270	--	<3	<2.1	<7.5
JAN , 1980											
22...	2.5	--	16	130	844	--	270	--	--	--	--
FEB											
19...	8.0	0	16	76	510	1300	150	--	0	--	--
MAR											
25...	2.3	--	14	120	770	--	250	--	--	--	--
APR											
24...	3.0	--	91	91	625	--	160	--	--	--	--
MAY											
14...	2.6	2	13	76	510	930	130	--	<3	50	5.4
JUN											
12...	4.4	--	19	170	940	--	300	--	--	--	--
JUL											
16...	3.7	--	18	150	965	--	310	--	--	--	--
AUG											
18...	3.2	1	17	150	837	2000	260	--	4	3.0	<5.7
SEP											
15...	3.2	1	13	160	825	2100	250	--	4	1.6	<6.0
OCT											
14...	3.5	--	18	170	962	--	330	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12/30/80
09306200 - PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	ALKA-LINITY (MG/L AS CACO3) (00410)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BICAR-BONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DIS-SOLVED (UG/L AS B) (01020)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	CAR-BONATE (MG/L AS CO3) (00445)
OCT , 1979												
22...	570	--	--	3	80	--	--	250	--	<1	85	--
NOV												
15...	450	--	--	3	70	--	--	180	--	1	78	--
DEC												
18...	490	--	--	2	80	--	--	170	--	<1	82	--
JAN , 1980												
23...	480	--	--	2	70	--	--	180	--	<1	85	--
FEB												
19...	350	--	--	3	200	--	--	190	--	0	36	--
MAR												
26...	430	--	--	2	70	--	--	160	--	<1	74	--
APR												
21...	210	--	--	2	60	--	--	100	--	<1	37	--
MAY												
20...	350	--	--	3	90	--	--	140	--	1	69	--
JUN												
10...	490	--	--	4	100	--	--	180	--	<1	81	--
JUL												
15...	600	--	--	4	90	--	--	270	--	<1	80	--
AUG												
19...	460	--	--	3	80	--	--	240	--	2	71	--
SEP												
17...	550	--	--	4	90	--	--	280	--	<1	75	--
OCT												
15...	550	--	--	5	100	--	--	180	--	<1	81	--

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WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COLIFORM, FECAL, 0.45 UM-MF (COLS./100 ML) (31616)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DISSOLVED (UG/L AS CU) (01040)	CYANIDE DISSOLVED (MG/L AS CN) (00723)	STREPTOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
OCT , 1979											
22...	--	17	--	--	--	0	--	--	.8	30	0
NOV											
15...	--	10	--	--	--	0	--	--	.8	10	0
DEC											
18...	--	12	--	--	--	0	--	--	.6	40	0
JAN , 1980											
23...	--	11	--	--	--	0	--	--	.6	20	0
FEB											
19...	--	21	--	--	--	4	--	--	.6	130	0
MAR											
26...	--	13	--	--	--	2	--	--	.2	20	0
APR											
21...	--	9.0	--	--	--	0	--	--	.5	10	0
MAY											
20...	--	8.6	--	--	--	3	--	--	.5	<10	2
JUN											
10...	--	11	--	--	--	4	--	--	.5	<10	2
JUL											
15...	--	18	--	--	--	2	--	--	1.1	10	0
AUG											
19...	--	12	--	--	--	3	--	--	1.2	<10	0
SEP											
17...	--	17	--	--	--	2	--	--	1.2	20	1
OCT											
15...	--	17	--	--	--	2	--	--	.7	10	0

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WATER QUALITY DATA

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS-SOLVED (MG/L AS C) (00682)	CARBON, INOR-GANIC, DIS-SOLVED (MG/L AS C) (00691)
OCT , 1979											
22...	20	91	70	.0	.00	--	--	--	--	--	--
NOV											
15...	20	72	20	.0	.10	--	--	--	--	--	--
DEC											
18...	20	73	20	.0	.00	--	--	--	--	--	--
JAN , 1980											
23...	20	80	30	.0	.00	--	--	--	--	--	--
FEB											
19...	10	42	60	.0	.00	--	--	--	--	--	--
MAR											
26...	20	65	20	.0	.00	--	--	--	--	--	--
APR											
21...	20	28	10	.0	.10	--	--	--	--	--	--
MAY											
20...	10	47	9	.0	.00	--	--	--	--	--	--
JUN											
10...	9	77	20	.1	.00	--	--	--	--	--	--
JUL											
15...	10	91	50	.0	.00	--	--	--	--	--	--
AUG											
19...	9	67	8	.0	.30	--	--	--	--	--	--
SEP											
17...	10	86	30	.0	.00	--	--	--	--	--	--
OCT											
15...	20	93	40	.0	.00	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPHOSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
OCT , 1979											
22...	--	.09	--	--	--	--	--	--	--	--	--
NOV											
15...	--	.03	--	--	--	--	--	--	--	--	--
DEC											
18...	--	.09	--	--	--	--	--	--	--	--	--
JAN , 1980											
23...	--	.15	--	--	--	--	--	--	--	--	--
FEB											
19...	--	.34	--	--	--	--	--	--	--	--	--
MAR											
26...	--	.09	--	--	--	--	--	--	--	--	--
APR											
21...	--	.00	--	--	--	--	--	--	--	--	--
MAY											
20...	--	.06	--	--	--	--	--	--	--	--	--
JUN											
10...	--	.09	--	--	--	--	--	--	--	--	--
JUL											
15...	--	.09	--	--	--	--	--	--	--	--	--
AUG											
19...	--	.15	--	--	--	--	--	--	--	--	--
SEP											
17...	--	.03	--	--	--	--	--	--	--	--	--
OCT											
15...	--	.09	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB, TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
OCT , 1979											
22...	--	--	--	--	--	--	--	--	--	--	0
NOV											
15...	--	--	--	--	--	--	--	--	--	--	--
DEC											
18...	--	--	--	--	--	--	--	--	--	--	0
JAN , 1980											
23...	--	--	--	--	--	--	--	--	--	--	--
FEB											
19...	--	--	--	--	--	--	--	--	--	--	4
MAR											
26...	--	--	--	--	--	--	--	--	--	--	--
APR											
21...	--	--	--	--	--	--	--	--	--	--	--
MAY											
20...	--	--	--	--	--	--	--	--	--	--	0
JUN											
10...	--	--	--	--	--	--	--	--	--	--	--
JUL											
15...	--	--	--	--	--	--	--	--	--	--	--
AUG											
19...	--	--	--	--	--	--	--	--	--	--	--
SEP											
17...	--	--	--	--	--	--	--	--	--	--	3
OCT											
15...	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
OCT , 1979											
22...	4.8	1	19	200	1220	3200	460	--	6	--	--
NOV											
15...	3.1	1	16	150	936	2800	330	--	<3	--	--
DEC											
18...	2.8	1	18	150	989	3100	350	--	4	--	--
JAN , 1980											
23...	2.8	1	18	160	1010	3300	360	--	<3	--	--
FEB											
19...	5.5	0	15	150	654	1400	170	--	10	--	--
MAR											
26...	2.4	1	15	140	893	2700	320	--	4	--	--
APR											
21...	2.8	1	10	78	425	1000	130	--	<3	--	--
MAY											
20...	2.6	2	16	89	650	1600	200	--	<3	--	--
JUN											
10...	2.9	1	19	160	992	3100	340	--	6	--	--
JUL											
15...	4.6	1	18	210	1220	3400	430	--	8	--	--
AUG											
19...	3.5	1	18	170	965	2700	340	--	6	--	--
SEP											
17...	3.6	1	19	200	1150	3300	410	--	6	--	--
OCT											
15...	4.2	1	19	220	1220	3800	450	--	7	--	--

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WATER QUALITY DATA

DATE	ALKALINITY (MG/L AS CACO3) (00410)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BICARBONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DISSOLVED (UG/L AS B) (01020)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	CARBONATE (MG/L AS CO3) (00445)
OCT , 1979												
22...	720	--	--	3	400	--	--	330	--	0	67	--
NOV												
15...	580	--	--	3	80	--	--	240	--	2	66	--
DEC												
19...	680	--	--	4	90	--	--	250	--	<1	75	--
JAN , 1980												
23...	710	--	--	3	90	--	--	280	--	<1	75	--
FEB												
20...	380	--	--	3	200	--	--	200	--	0	44	--
MAR												
26...	590	--	--	3	80	--	--	240	--	<1	63	--
APR												
21...	380	--	--	3	90	--	--	170	--	<1	52	--
MAY												
20...	400	--	--	3	100	--	--	150	--	1	63	--
JUN												
10...	830	--	--	4	100	--	--	380	--	0	66	--
JUL												
15...	900	--	--	5	100	--	--	480	--	0	56	--
AUG												
18...	580	--	--	4	90	--	--	350	--	1	54	--
SEP												
17...	670	--	--	4	90	--	--	370	--	<1	53	--
OCT												
15...	750	--	--	4	100	--	--	330	--	0	58	--

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WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COLIFORM, FECAL, 0.45 UM-MF (COLS./100 ML) (31616)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DISSOLVED (UG/L AS CU) (01040)	CYANIDE DISSOLVED (MG/L AS CN) (00723)	STREPTOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
OCT , 1979											
22...	--	34	--	--	--	0	--	--	1.0	10	0
NOV											
15...	--	22	--	--	--	0	--	--	1.0	10	0
DEC											
19...	--	27	--	--	--	0	--	--	.2	<10	0
JAN , 1980											
23...	--	35	--	--	--	0	--	--	1.0	<10	0
FEB											
20...	--	18	--	--	--	4	--	--	.6	440	0
MAR											
26...	--	27	--	--	--	2	--	--	.3	90	0
APR											
21...	--	18	--	--	--	1	--	--	.9	780	0
MAY											
20...	--	11	--	--	--	2	--	--	.5	50	1
JUN											
10...	--	43	--	--	--	2	--	--	1.0	50	0
JUL											
15...	--	43	--	--	--	2	--	--	1.5	30	0
AUG											
18...	--	29	--	--	--	3	--	--	1.2	20	0
SEP											
17...	--	36	--	--	--	3	--	--	1.3	<10	0
OCT											
15...	--	41	--	--	--	4	--	--	1.0	40	2

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WATER QUALITY DATA

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS-SOLVED (MG/L AS C) (00682)	CARBON, INOR-GANIC, DIS-SOLVED (MG/L AS C) (00691)
OCT , 1979											
22...	20	98	20	.0	.00	--	--	--	--	--	--
NOV											
15...	20	71	9	.0	.00	--	--	--	--	--	--
DEC											
19...	30	77	8	.0	.00	--	--	--	--	--	--
JAN , 1980											
23...	30	80	10	.0	.00	--	--	--	--	--	--
FEB											
20...	10	51	30	.0	.00	--	--	--	--	--	--
MAR											
26...	30	69	10	.0	.00	--	--	--	--	--	--
APR											
21...	30	47	30	.0	.10	--	--	--	--	--	--
MAY											
20...	20	48	10	.0	.00	--	--	--	--	--	--
JUN											
10...	30	89	0	.0	.00	--	--	--	--	--	--
JUL											
15...	30	100	10	.0	.00	--	--	--	--	--	--
AUG											
18...	20	70	9	.0	.10	--	--	--	--	--	--
SEP											
17...	30	80	7	.0	.00	--	--	--	--	--	--
OCT											
15...	30	88	10	.0	.10	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPHOSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
OCT , 1979											
22...	--	.12	--	--	--	--	--	--	--	--	--
NOV											
15...	--	.03	--	--	--	--	--	--	--	--	--
DEC											
19...	--	.15	--	--	--	--	--	--	--	--	--
JAN , 1980											
23...	--	.31	--	--	--	--	--	--	--	--	--
FEB											
20...	--	.40	--	--	--	--	--	--	--	--	--
MAR											
26...	--	.15	--	--	--	--	--	--	--	--	--
APR											
21...	--	.00	--	--	--	--	--	--	--	--	--
MAY											
20...	--	.31	--	--	--	--	--	--	--	--	--
JUN											
10...	--	.06	--	--	--	--	--	--	--	--	--
JUL											
15...	--	.03	--	--	--	--	--	--	--	--	--
AUG											
18...	--	.15	--	--	--	--	--	--	--	--	--
SEP											
17...	--	.03	--	--	--	--	--	--	--	--	--
OCT											
15...	--	.15	--	--	--	--	--	--	--	--	--

WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB, TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
OCT , 1979											
22...	--	--	--	--	--	--	--	--	--	--	0
NOV											
15...	--	--	--	--	--	--	--	--	--	--	--
DEC											
19...	--	--	--	--	--	--	--	--	--	--	0
JAN , 1980											
23...	--	--	--	--	--	--	--	--	--	--	--
FEB											
20...	--	--	--	--	--	--	--	--	--	--	4
MAR											
26...	--	--	--	--	--	--	--	--	--	--	--
APR											
21...	--	--	--	--	--	--	--	--	--	--	--
MAY											
20...	--	--	--	--	--	--	--	--	--	--	0
JUN											
10...	--	--	--	--	--	--	--	--	--	--	--
JUL											
15...	--	--	--	--	--	--	--	--	--	--	--
AUG											
18...	--	--	--	--	--	--	--	--	--	--	--
SEP											
17...	--	--	--	--	--	--	--	--	--	--	14
OCT											
15...	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
OCT , 1979											
22...	5.4	1	19	330	1510	2900	520	--	10	--	--
NOV											
15...	3.5	1	17	230	1120	2600	350	--	<3	--	--
DEC											
19...	3.5	1	18	260	1240	2900	360	--	<3	--	--
JAN , 1980											
23...	3.5	1	18	310	1340	2900	380	--	<3	--	--
FEB											
20...	6.3	0	16	150	759	1800	240	--	10	--	--
MAR											
26...	2.9	1	15	270	1160	2500	350	--	4	--	--
APR											
21...	3.5	1	17	160	752	1700	220	--	<3	--	--
MAY											
20...	3.0	2	18	130	731	1600	210	--	10	--	--
JUN											
10...	4.1	1	19	390	1550	2000	430	--	0	--	--
JUL											
15...	5.3	1	11	440	1710	250	510	--	10	--	--
AUG											
18...	4.2	1	17	270	1210	2400	410	--	10	--	--
SEP											
17...	3.8	1	17	320	1320	2600	400	--	3	--	--
OCT											
15...	5.3	1	16	360	1470	--	450	--	20	--	--

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WATER QUALITY DATA

DATE	ALKALINITY (MG/L AS CACO3) (00410)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BICARBONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DISSOLVED (UG/L AS B) (01020)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	CARBONATE (MG/L AS CO3) (00445)
OCT , 1979												
23...	1100	--	--	--	--	--	--	590	--	--	41	--
JAN , 1980												
14...	860	--	--	--	--	--	--	450	--	--	30	--
FEB												
19...	230	--	.18	4	--	--	--	200	.1	--	12	--
AUG												
18...	1090	--	--	--	--	--	--	670	--	--	28	--
SEP												
18...	1100	--	.01	5	--	--	--	640	.1	--	33	--

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WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COLIFORM, FECAL, 0.45 UM-MF (COLS./100 ML) (31616)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DISSOLVED (UG/L AS CU) (01040)	CYANIDE DISSOLVED (MG/L AS CN) (00723)	STREPTOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
OCT , 1979											
23...	--	120	--	--	--	--	--	--	1.9	--	--
JAN , 1980											
14...	--	85	--	--	--	--	--	--	1.5	--	--
FEB											
19...	38	16	--	--	--	--	--	--	.6	--	--
AUG											
18...	--	110	--	--	--	--	--	--	2.2	--	--
SEP											
18...	25	110	--	--	K110	--	--	--	2.3	--	--

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WATER QUALITY DATA

DATE	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS- SOLVED (MG/L AS C) (00682)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L AS C) (00691)
OCT , 1979											
23...	--	100	--	--	--	--	--	--	--	--	--
JAN , 1980											
14...	--	56	--	--	--	--	--	--	--	--	--
FEB											
19...	--	11	--	.0	--	--	--	--	--	--	--
AUG											
18...	--	80	--	--	--	--	--	--	--	--	--
SEP											
18...	--	86	--	.0	--	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPHOSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
OCT , 1979											
23...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1980											
14...	--	--	--	--	--	--	--	--	--	--	--
FEB											
19...	--	--	--	--	--	--	--	--	--	--	--
AUG											
18...	--	--	--	--	--	--	--	--	--	--	--
SEP											
18...	--	--	.00	.00	.0	.00	.00	.00	.00	.00	0

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WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB, TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
OCT , 1979											
23...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1980											
14...	--	--	--	--	--	--	--	--	--	--	--
FEB											
19...	--	--	--	--	--	--	--	--	--	--	5
AUG											
18...	--	--	--	--	--	--	--	--	--	--	--
SEP											
18...	.00	.00	.0	.00	.00	.00	.00	.00	.00	.00	1

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WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
OCT , 1979											
23...	5.0	--	13	600	2090	--	540	--	--	--	--
JAN , 1980											
14...	3.5	--	9.0	500	1540	--	330	--	--	--	--
FEB											
19...	4.7	2	7.7	130	489	--	110	--	--	100	6.9
AUG											
18...	4.5	--	7.3	640	2020	--	490	--	--	--	--
SEP											
18...	3.7	2	7.4	590	1970	--	470	--	--	.3	<13

2.2.2.2 Springs and Seeps

Water quality data for Springs and Seeps are presented in this section, Table 2.2.2.2-1. Locations of Springs and Seeps around the C-b Tract are shown in Figure 2.2.1.2-1.

Data are presented in this section for the following stations:

Station Designation	Computer Code
CB S-1	WS01
CB S-2	WS02
CB S-3	WS03
CB S-4	WS04
CB S-6	WS06
CB S-7	WS07
CB S-8	WS08
CB S-9	WS09
CB S-10 (W-3)*	WS10
S-11 (S-101)*	WS11
CB Seep A	WS12
CB S-102	WS36
CB S-6A	WS66

* Station designations with parenthesis indicate same spring sampled by both project and state personnel.

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TABLE 2.2.2.2-1

CB-TRACT
WATER QUALITY PARAMETERS
SPRINGS AND SEEPS
FOR SAMPLE DATA SHOWN

SPRGS AND SEEPS	YR	MO	TOTAL ALK (MG/L CACO3)	AL (MG/L)	AMMONIA AS N (MG/L)	AS (MG/L)	BA (MG/L)	HCO3 (MG/L CACO3)	CO3 (MG/L CACO3)	BOD (MG/L)	BR (MG/L)	HARDNESS (MG/L CACO3)	NA (MG/L)	MG (MG/L)	CA (MG/L)	SODIUM ABSORPTION RATIO (ME/L)
WS01	80	1	420.0	.400	-.040	-.020	-.50	380.0	40.0	1.0	.700	560.0	120.0	100.0	59.0	2.210
			430.0	-.100	.100	-.020	-.50	430.0	-1.0	3.0		380.0	120.0	60.0	52.0	2.691
		4	420.0	-.100	.300	-.020	-.50	360.0	60.0	-1.0		680.0	140.0	86.0	130.0	2.339
		7	490.0	-.100	-.040	-.020	.50	400.0	90.0	16.0		470.0	140.0	74.0	65.0	2.820
		10	410.0	-.100	-.040	-.020	-.50	380.0	28.0	10.0	.700	520.0	120.0	70.0	95.0	2.278
WS02	80	1	390.0	-.100	.600	-.020	-.50	280.0	110.0	2.0	1.000	510.0	100.0	89.0	57.0	1.930
			410.0	-.100	-.040	-.020	-.50	370.0	40.0	4.0		370.0	110.0	57.0	53.0	2.500
		4	400.0	-.100	.060	-.020	-.50	330.0	70.0	8.0		600.0	110.0	78.0	110.0	1.961
		7	400.0	-.100	-.040	-.020	-.50	350.0	54.0	15.0		390.0	110.0	57.0	62.0	2.426
		10	390.0	-.100	-.040	-.020	-.50	350.0	40.0	7.0	.800	530.0	100.0	70.0	96.0	1.894
WS03	80	1	400.0	-.100	.100	-.020	-.50	300.0	100.0	23.0	1.000	540.0	110.0	98.0	57.0	2.050
			420.0	-.100	-.040	-.020	-.50	420.0	-1.0	2.0		370.0	110.0	57.0	53.0	2.500
		4	430.0	-.100	.070	-.020	-.50	380.0	50.0	6.0		650.0	120.0	86.0	120.0	2.043
		7	430.0	-.100	.050	-.020	.50	430.0	-1.0	50.0		370.0	110.0	55.0	59.0	2.477
		10	420.0	-.100	-.040	-.020	-.50	420.0	-1.0	50.0	.700	580.0	120.0	82.0	99.0	2.160
WS04	80	1	410.0	-.100	.600	-.020	-.50	360.0	54.0	1.0	.800	510.0	110.0	90.0	58.0	2.110
			410.0	-.100	-.040	-.020	-.50	370.0	32.0	2.0		330.0	99.0	53.0	47.0	2.353
		4	410.0	-.010	-.040	-.020	-.50	320.0	90.0	2.0		620.0	110.0	77.0	120.0	1.928
		7	410.0	-.100	.200	-.020	-.50	360.0	48.0	66.0		350.0	90.0	50.0	58.0	2.092
		10	390.0	-.100	-.040	-.020	-.50	340.0	50.0	21.0	.500	520.0	110.0	69.0	94.0	2.102
WS06	80	1	440.0	-.100	-.040	-.020	.50	380.0	60.0	30.0	.600	540.0	110.0	93.0	63.0	2.061
			460.0	-.100	.100	-.020	-.50	440.0	24.0	23.0		400.0	120.0	62.0	59.0	2.603
		4	490.0	-.100	-.040	-.020	-.50	450.0	40.0	-1.0		650.0	130.0	89.0	110.0	2.235
		7	500.0	-.100	-.040	-.020	-.50	440.0	56.0	16.0		450.0	140.0	69.0	66.0	2.877
		10	490.0	-.100	-.040	-.020	-.50	490.0	-1.0	70.0	.700	630.0	130.0	87.0	110.0	2.249
WS07	80	1	440.0	-.100	-.040	-.020	-.50	350.0	90.0	13.0	.700	570.0	120.0	100.0	63.0	2.190
			480.0	-.100	-.040	-.020	.50	480.0	-1.0	-1.0		440.0	130.0	70.0	62.0	2.689
		4	480.0	-.100	-.040	-.020	-.50	420.0	60.0	-1.0		680.0	140.0	94.0	120.0	2.325
		7	480.0	-.100	-.040	-.020	-.50	480.0	-1.0	16.0		410.0	130.0	61.0	63.0	2.800
		10	470.0	-.100	-.040	-.020	-.50	470.0	-1.0	30.0	.800	640.0	120.0	90.0	110.0	2.056
WS08	80	1	470.0	-.100	-.040	-.020	.50	410.0	60.0	36.0	.400	580.0	120.0	100.0	67.0	2.171
			430.0	-.100	.100	-.020	-.50	430.0	-1.0	24.0		400.0	120.0	61.0	59.0	2.617

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.2-1
(Cont)

CB-TRACT
WATER QUALITY PARAMETERS
SPRINGS AND SEEPS
FOR SAMPLE DATA SHOWN

SPRGS AND SEEPS	YR	MO	TOTAL ALK (MG/L CACO3)	AL (MG/L)	AMMONIA AS N (MG/L)	AS (MG/L)	BA (MG/L)	HCO3 (MG/L CACO3)	CO3 (MG/L CACO3)	BOD (MG/L)	BR (MG/L)	HARDNESS (MG/L CACO3)	NA (MG/L)	MG (MG/L)	CA (MG/L)	SODIUM ABSORPTION RATIO (ME/L)
WS08	80	4	480.0	-.100	-.040	-.020	-.50	410.0	70.0	-1.0		640.0	120.0	85.0	120.0	2.049
		7	480.0	-.100	-.040	-.020	-.50	480.0	-1.0	8.0		430.0	120.0	65.0	66.0	2.512
WS09	80	1	470.0	-.100	-.040	-.020	.50	410.0	56.0	31.0	.900	580.0	110.0	100.0	67.0	1.990
			480.0	-.100	-.040	-.020	-.50	480.0	-1.0	22.0		430.0	120.0	65.0	65.0	2.519
		4	490.0	-.100	-.040	-.020	-.50	430.0	60.0	-1.0		680.0	130.0	89.0	120.0	2.192
		7	480.0	-.100	-.040	-.200	-.50	420.0	58.0	15.0		440.0	120.0	65.0	67.0	2.505
		10	420.0	-.100	.100	-.020	-.50	420.0	-1.0	49.0	.400	610.0	100.0	81.0	110.0	1.765
WS10	80	1	450.0	-.100	-.040	-.020	1.30	350.0	96.0	28.0	.700	570.0	100.0	100.0	66.0	1.813
			460.0	-.100	.090	-.020	.50	460.0	-1.0	1.0		410.0	110.0	62.0	64.0	2.350
		4	450.0	-.100	.200	-.020	-.50	360.0	90.0	-1.0		500.0	120.0	78.0	72.0	2.334
		7	450.0	1.000	-.040	-.020	-.50	390.0	60.0	16.0		410.0	110.0	60.0	66.0	2.359
		10	450.0	-.100	-.040	-.020	-.50	450.0	-1.0	9.0	.700	580.0	100.0	74.0	110.0	1.808
WS11	80	7	470.0	-.100	-.040	-.020	-.50	470.0	-1.0	10.0		410.0	110.0	59.0	66.0	2.371
		10	450.0	-.100	-.040	-.020	-.50	450.0	-1.0	49.0	.700	590.0	110.0	77.0	71.0	2.154
WS12	80	7	470.0	-.100	-.040	-.020	-.50	470.0	-1.0	56.0		360.0	140.0	52.0	57.0	3.228
		10	510.0	-.100	-.040	-.020	-.50	480.0	30.0	16.0	-.100	520.0	120.0	74.0	86.0	2.292
WS36	80	4	430.0	-.100	.040	-.020	-.50	310.0	120.0	2.0		610.0	120.0	83.0	110.0	2.104
		7	430.0	-.100	.100	-.020	-.50	340.0	88.0	59.0		420.0	120.0	63.0	64.0	2.551
		10	430.0	-.100	-.040	-.020	-.50	380.0	46.0	10.0	.700	550.0	100.0	77.0	94.0	1.853
WS66	80	7	490.0	.100	-.040	-.020	-.50	430.0	60.0	-1.0		440.0	140.0	68.0	66.0	2.890

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.2-1
(Cont)

CB-TRACT
WATER QUALITY PARAMETERS
SPRINGS AND SEEPS
FOR SAMPLE DATA SHOWN

SPRGS AND SEEPS	YR	MO	FECAL COLIF. COLONY /100ML	TOTAL COLIF. COLONY /100ML	N KJELD. (MG/L)	HG (MG/L)	SE (MG/L)	AG (MG/L)	TOTAL ALPHA PCI/L	TOTAL BETA PCI/L	RADIUM 226 PCI/L	ZN (MG/L)	PB (MG/L)	LI (MG/L)	MN (MG/L)	FE (MG/L)	F (MG/L)
WS01	80	1			.7	-.02000	-.020	-.020				.020	-.020	-.05	-.020	.03	.20
					.2	-.02000	-.020	.010				-.020	-.020	-.05	-.020	-.02	.20
		4	-1.0	150.0	.8	.00020	.030	-.010	1.2			.010	-.020	-.05	-.020	.02	.40
		7			-.1	-.00020	-.010	-.010				-.020	.020	-.05	.200	.02	.20
		10	3.0	3.0	.1	-.00020	-.010	-.010	4.0	19.0		-.020	-.020	-.05	-.020	-.02	.30
WS02	80	1			.6	-.02000	-.020	-.020				-.020	.040	-.05	-.020	-.02	.30
					.3	-.02000	-.020	-.010				-.020	-.020	-.05	-.020	-.02	.20
		4	8.0	8000.0	.3	-.00020	.020	-.010	2.5			.010	-.020	.05	-.020	-.02	.40
		7			-.1	-.00020	-.010	-.010				.020	.020	-.05	-.020	-.02	.30
		10	7.0	9.0	.1	-.00020	-.010	-.010	5.0	-7.0		-.020	-.020	-.05	-.020	-.02	.30
WS03	80	1			.3	-.02000	-.020	-.020				-.020	.050	-.05	-.020	-.02	.30
					.3	-.02000	-.020	-.010				-.020	-.020	-.05	-.020	-.02	.20
		4	-1.0	90.0	1.4	-.00020	.010	-.010	.2			.010	-.020	-.05	-.020	.02	.40
		7			.1	-.00020	-.010	-.010				-.020	.020	-.05	-.020	-.02	.30
		10	25.0	26.0	-.1	-.00020	-.010	-.010	6.0	-18.0		-.020	.020	-.05	-.020	-.02	.30
WS04	80	1			.8	-.02000	-.020	-.020				-.020	.030	-.05	-.020	-.02	.30
					.3	-.02000	-.020	-.010				-.020	-.020	-.05	-.020	-.02	.20
		4	5.0	15000.0	.8	-.00020	.020	-.010				.010	-.020	-.05	-.020	.02	.40
		7			.3	-.00020	-.010	-.010				.040	-.020	-.05	.040	-.02	.20
		10	1.0	15.0	-.1	-.00020	-.010	-.010	3.0	-8.0		-.020	.020	-.05	-.020	-.02	.20
WS06	80	1			1.9	-.02000	-.020	-.020				-.020	-.020	-.05	-.020	-.02	.50
					.6	-.02000	-.020	-.010				-.020	-.020	-.05	-.020	-.02	.40
		4	-1.0	390.0	.2	-.00020	.010	-.010	.3	7.0		-.020	-.020	-.05	-.020	-.02	.70
		7			-.1	-.00020	-.010	-.010				-.020	.020	-.05	.020	-.02	.40
		10	6.0	27.0	-.1	-.00020	-.010	-.010	3.0	-11.0		-.020	.030	-.05	-.020	-.02	.50
WS07	80	1			.6	-.02000	-.020	-.020				-.020	.020	-.05	-.020	-.02	.50
					.2	-.02000	-.020	-.010				.020	-.020	-.05	-.020	-.02	.50
		4	-1.0	180.0	.3	-.00020	.010	-.010				.020	-.020	-.05	-.020	-.02	.80
		7			-.1	-.00020	-.010	-.010				-.020	.020	-.05	-.020	.03	.50
		10	-1.0	-1.0	-.1	-.00020	-.010	-.010	3.0	-7.0		-.020	.030	-.05	-.020	-.02	.50
WS08	80	1			.8	-.02000	-.020	-.020				-.020	.020	-.05	-.020	-.02	.50
					.6	-.02000	-.020	-.010				-.020	-.020	-.05	-.020	-.02	.50

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.2-1
(Cont)

CB-TRACT
WATER QUALITY PARAMETERS
SPRINGS AND SEEPS
FOR SAMPLE DATA SHOWN

SPRGS AND SEEPS	YR	MO	FECAL COLIF. COLONY /100ML	TOTAL COLIF. COLONY /100ML	N KJELD. (MG/L)	HG (MG/L)	SE (MG/L)	AG (MG/L)	TOTAL ALPHA PCI/L	TOTAL BETA PCI/L	RADIUM 226 PCI/L	ZN (MG/L)	PB (MG/L)	LI (MG/L)	MN (MG/L)	FE (MG/L)	F (MG/L)
WS08	80	4	-1.0	110.0	.1	-.00020	.030	-.010	1.7			-.020	-.020	-.05	-.020	.02	.70
		7			.3	-.00020	-.010	-.010				-.020	-.020	-.05	.020	.02	.40
WS09	80	1			.4	-.02000	-.020	-.020				-.020	-.020	-.05	-.020	-.02	.40
					.3	-.02000	-.020	-.010				-.020	-.020	-.05	-.020	-.02	.40
		4	-1.0	320.0	.2	-.00020	.020	-.010		1.0		-.020	-.020	-.05	-.020	.02	.70
		7			-.1	-.00020	-.010	-.010				-.020	.020	-.05	.020	-.02	.40
		10	-1.0	-1.0	.1	-.00020	-.010	-.010	2.0	7.0		-.020	.020	-.05	-.020	-.02	.40
WS10	80	1			.3	-.02000	-.020	-.020				-.020	.040	-.05	-.020	-.02	.50
					.3	-.02000	-.020	-.010				-.020	-.020	-.05	-.020	-.02	.40
		4	-1.0	70.0	.5	-.00020	-.010	-.010	1.0			-.020	-.020	-.05	-.020	.02	.70
		7			-.1	-.00020	-.010	-.010				-.020	.020	-.01	.020	.03	.40
		10	****	2100.0	-.1	-.00020	-.010	-.010		-6.0		-.020	-.020	-.05	-.020	-.02	.40
WS11	80	7			1.2	.00030	-.010	-.010				-.020	.020	-.05	-.020	.03	.40
		10	51.0	104.0	-.1	-.00020	-.010	-.010	1.0	-10.0		-.020	-.020	-.05	-.020	-.02	.40
WS12	80	7			.4	-.00020	-.010	-.010				-.020	.020	-.05	-.020	-.02	5.30
		10	1.0	25.0	-.1	-.00020	-.010	-.010	6.0	-8.0		-.020	-.020	-.05	-.020	-.02	.50
WS36	80	4	4.0	200.0	.5	.00020	.020	-.010	3.4			.010	-.020	-.05	-.020	.03	.50
		7			.1	-.00020	-.010	-.010				-.020	.020	-.05	-.020	-.02	.30
		10	4.0	11.0	.1	-.00020	-.010	-.010	4.0	3.0		-.020	-.020	-.05	-.020	-.02	.30
WS66	80	7			-.1	-.00020	-.010	-.010				-.020	-.020	-.05	.020	.02	.40

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.2-1
(Cont)

CB-TRACT
WATER QUALITY PARAMETERS
SPRINGS AND SEEP
FOR SAMPLE DATA SHOWN

SPRGS AND SEEPS	YR	MO	MO (MG/L)	NI (MG/L)	NO3 (MG/L)	OIL AND GREASE (MG/L)	PHEN (MG/L)	K (MG/L)	B (MG/L)	TOTAL DISS SOLIDS MG/L)	SR (MG/L)	SO4 (MG/L)	CD (MG/L)	CL (MG/L)	COD (MG/L)	CR (MG/L)	CU (MG/L)
WS01	80	1	.040	-.020	-.10	10.0	.6900	2.0	.10	1000.0	6.1	430.0	-.020	37.0	3.0	-.020	-.020
			.050	-.020	-.10	18.0	-.0010	1.7	.10	980.0	5.4	440.0	-.020	14.0	16.0	-.020	-.020
		4	-.010	-.020	17.00	1.0	-.0010	1.5	.10	950.0	5.0	330.0	-.010	40.0	2.0	-.020	-.020
		7	-.010	-.020	-.50	-1.0	-.0010	3.2	-.10	1100.0	5.9	270.0	-.010	6.4	13.0	.020	-.020
		10	-.010	-.020	3.80	-1.0	-.0010	1.4	.10	970.0	4.7	340.0	-.010	6.6	-1.0	-.020	-.020
WS02	80	1	.030	-.020	-.10	11.0	.0060	.8	.20	780.0	5.8	350.0	-.020	12.0	5.0	-.020	-.020
			.060	-.020	-.10	7.0	.0060	.7	.10	780.0	5.8	360.0	-.020	13.0	1.0	.020	-.020
		4	-.010	-.020	17.00	1.0	.0040	.9	-.10	850.0	4.8	290.0	-.010	53.0	35.0	-.020	-.020
		7	-.010	-.020	2.70	-1.0	-.0010	2.4	.10	860.0	5.4	260.0	.010	6.0	4.0	-.020	-.020
		10	-.010	-.020	3.50	2.0	.0010	.8	.20	880.0	4.7	210.0	-.010	5.6	-1.0	-.020	-.020
WS03	80	1	.060	-.020	-.10	8.0	-.0010	1.4	.10	890.0	5.7	340.0	-.020	47.0	3.0	-.020	-.020
			.020	-.020	-.10	4.0	-.0010	1.2	.10	890.0	5.3	420.0	-.020	13.0	-1.0	.020	-.020
		4	-.010	-.020	17.00	2.0	.0040	2.3	-.10	980.0	5.0	340.0	-.010	42.0	2.0	-.020	-.020
		7	-.010	-.020	1.80	8.0	-.0010	3.2	-.10	960.0	4.3	250.0	-.010	7.4	2.0	-.020	-.020
		10	-.010	-.020	2.40	12.0	-.0010	1.8	.20	980.0	5.0	460.0	-.010	11.0	-1.0	-.020	-.020
WS04	80	1	-.020	-.020	-.10	5.0	-.0010	1.0	.10	810.0	6.0	390.0	-.020	30.0	3.0	-.020	-.020
			.050	-.020	-.10	2.0	-.0010	.9	.10	860.0	5.1	350.0	-.020	14.0	4.0	-.020	-.020
		4	-.010	-.020	16.00	-1.0	.0010	1.2	-.10	880.0	4.9	310.0	-.010	43.0	21.0	-.020	-.020
		7	-.010	.020	2.70	-1.0	.0100	3.6	.10	1200.0	4.4	230.0	-.010	8.8	8.0	.030	.040
		10	-.010	-.020	3.10	3.0	-.0010	.9	-.10	870.0	4.7	270.0	-.010	6.1	-1.0	-.020	-.020
WS06	80	1	.020	-.020	-.10	1.0	.0090	1.8	.10	960.0	6.7	350.0	-.020	21.0	5.0	-.020	-.020
			.040	-.020	-.10	1.0	.0060	2.5	.10	910.0	6.2	380.0	-.020	18.0	2.0	-.020	-.020
		4	-.010	-.020	26.00	-1.0	.0010	2.1	.10	1000.0	6.1	390.0	-.010	57.0	2.0	-.020	-.020
		7	.020	-.020	4.40	-1.0	.0030	4.5	.10	1100.0	7.0	360.0	-.010	14.0	5.0	-.020	-.020
		10	-.010	-.020	2.80	2.0	.0030	2.0	.10	1000.0	6.2	420.0	-.010	12.0	-1.0	-.020	-.020
WS07	80	1	.020	.020	-.10	8.0	.0060	1.7	.10	1000.0	7.4	420.0	-.020	29.0	5.0	-.020	-.020
			.070	.020	-.10	2.0	-.0010	1.8	.10	950.0	7.7	410.0	-.020	18.0	20.0	-.020	-.020
		4	-.010	.020	12.00	3.0	.0010	1.8	.10	1000.0	6.6	370.0	-.010	48.0	2.0	-.020	-.020
		7	.010	-.020	8.60	4.0	.0030	3.5	.10	1000.0	6.9	330.0	-.010	12.0	8.0	-.020	-.020
		10	-.010	-.020	3.10	2.0	.0030	1.5	.20	1000.0	6.7	450.0	-.010	13.0	4.0	-.020	-.020
WS08	80	1	.080	-.020	-.10	4.0	-.0010	1.8	.10	1000.0	7.3	440.0	-.020	18.0	3.0	.020	-.020
			.040	-.020	-.10	2.0	.0070	1.6	.10	940.0	6.5	410.0	-.020	34.0	-1.0	.020	-.020

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.2-1
(Cont)

CB-TRACT
WATER QUALITY PARAMETERS
SPRINGS AND SEEP
FOR SAMPLE DATA SHOWN

SPRGS AND SEEPS	YR	MO	MO (MG/L)	NI (MG/L)	NO3 (MG/L)	OIL AND GREASE (MG/L)	PHEN (MG/L)	K (MG/L)	B (MG/L)	TOTAL DISS SOLIDS MG/L)	SR (MG/L)	SO4 (MG/L)	CD (MG/L)	CL (MG/L)	COD (MG/L)	CR (MG/L)	CU (MG/L)
WS08	80	4	-.010	-.020	23.00	1.0	-.0010	1.7	.10	1000.0	6.0	330.0	-.010	82.0	-1.0	-.020	-.020
		7	.010	-.020	8.60	-1.0	-.0010	3.7	.10	1000.0	6.7	250.0	-.010	12.0	4.0	-.020	-.020
WS09	80	1	.040	-.020	-.10	2.0	.0130	1.1	.10	1000.0	7.1	420.0	-.020	39.0	2.0	.020	-.020
			.050	-.020	-.10	8.0	.0030	1.1	.10	960.0	6.8	410.0	-.020	16.0	-1.0	.020	-.020
		4	-.010	.020	19.00	-1.0	.0010	1.3	.10	990.0	6.2	330.0	-.010	70.0	-1.0	-.020	-.020
		7	.010	-.020	1.00	-1.0	.0010	3.0	-.10	960.0	6.6	250.0	-.010	10.0	8.0	.020	.020
		10	-.010	-.020	1.30	6.0	.0030	1.1	.10	890.0	6.0	290.0	-.010	10.0	-1.0	-.020	-.020
WS10	80	1	.030	-.020	-.10	1.0	.0130	1.2	.10	950.0	6.5	400.0	-.020	14.0	5.0	-.020	-.020
			.040	-.020	-.10	1.0	-.0010	1.3	.10	870.0	6.2	350.0	-.020	15.0	-1.0	-.020	-.020
		4	-.010	.020	12.00	-1.0	.0030	3.0	.10	970.0	2.0	290.0	-.010	47.0	2.0	-.020	-.020
		7	.010	-.020	-.50	3.0	-.0010	2.8	.10	910.0	5.9	240.0	-.010	10.0	4.0	-.020	.020
		10	-.010	-.020	1.60	7.0	-.0010	1.1	.20	950.0	5.2	380.0	-.010	10.0	-1.0	-.020	-.020
WS11	80	7	.010	-.020	1.60	6.0	-.0010	2.9	.10	930.0	5.9	240.0	-.010	10.0	6.0	-.020	.020
		10	-.010	-.020	1.80	1.0	.0030	1.1	.20	940.0	5.2	380.0	-.010	10.0	-1.0	-.020	-.020
WS12	80	7	.020	-.020	5.80	3.0	.0050	3.5	.30	950.0	4.0	210.0	-.010	12.0	12.0	.020	-.020
		10	.020	-.020	3.50	2.0	-.0010	1.9	.20	970.0	4.5	240.0	-.010	13.0	-1.0	-.020	-.020
WS36	80	4	-.010	-.020	10.00	1.0	-.0010	1.7	.30	950.0	4.6	280.0	-.010	45.0	14.0	-.020	-.020
		7	-.010	-.020	1.60	-1.0	-.0010	2.8	.10	950.0	5.3	300.0	-.010	6.8	-1.0	.020	-.020
		10	-.010	-.020	2.90	1.0	-.0010	1.2	.10	960.0	4.7	290.0	-.010	6.9	-1.0	-.020	-.020
WS66	80	7	.010	-.020	3.80	-1.0	.0030	6.1	.10	1100.0	6.5	300.0	.010	14.0	16.0	-.020	-.020

NOTE: - INDICATES LESS THAN

2.2.2.3 Alluvial Wells

Water quality data for Alluvial Wells are presented in this section, Table 2.2.2.3-1. The alluvial aquifer monitoring network is shown in Section 2.2.1.3, Figure 2.2.1.3-1.

Data is presented in this section for the following stations:

Well No.	Computer Code
A-1	WA01
A-2	WA02
A-3	WA03
A-5	WA05
A-6	WA06
A-7	WA07
A-8	WA08
A-9	WA09
A-12	WA12
A-5B	WA56

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TABLE 2.2.2.3-1

CB-TRACT
WATER QUALITY PARAMETERS
ALLUVIAL WELLS
FOR SAMPLE DATA SHOWN

WELL	YR	MO	TOTAL ALK (MG/L CACO3)	AL (MG/L)	AMMONIA AS N (MG/L)	AS (MG/L)	BA (MG/L)	HCO3 (MG/L)	CO3 (MG/L)	BOD (MG/L)	B (MG/L)	BR (MG/L)	NA (MG/L)	MG (MG/L)	CA (MG/L)	SODIUM ABSORPTION RATIO (ME/L)
WA01	80	2	600.0	-.100	-.040	-.020	.50	600.0	-1.0		.30		250.0	76.0	48.0	5.233
		4	600.0	-.100	.400	-.020	-.50	600.0	-1.0	-1.0	.20		250.0	80.0	33.0	5.366
		7	570.0	-.100	-.040	-.020	-.50	570.0	-1.0		.30		250.0	77.0	69.0	4.920
WA02	80	2	460.0	-.100	.400	-.020	.50	460.0	-1.0		.10		130.0	68.0	45.0	2.858
		4	470.0	-.100	.200	-.020	-.50	470.0	-1.0	4.0	.10		130.0	71.0	120.0	2.325
		7	470.0	.100	.400	-.020	-.50	470.0	-1.0		.10		130.0	72.0	58.0	2.694
WA03	80	2	480.0	-.100	-.040	-.020	.50	480.0	-1.0		.20		130.0	71.0	71.0	2.611
		4	480.0	-.100	-.040	-.020	-.50	480.0	-1.0	2.0	.10		130.0	72.0	170.0	2.106
		7	490.0	-.100	-.040	-.020	-.50	490.0	-1.0		.10		120.0	78.0	93.0	2.220
WA05	80	2	540.0	-.100	-.040	-.020	-.50	540.0	-1.0		.10		150.0	64.0	52.0	3.293
		5	470.0	-.100	.040	-.020	-.50	470.0	-1.0	-1.0	.10		150.0	58.0	130.0	2.749
		7	520.0	-.100	-.040	-.020	-.50	520.0	-1.0		.20		150.0	61.0	83.0	3.049
WA06	80	2	540.0	-.100	-.040	-.020	-.50	540.0	-1.0		.10		160.0	66.0	48.0	3.520
		5	560.0	-.100	.300	-.020	.70	500.0	60.0	-1.0	.20		160.0	68.0	120.0	2.892
		7	550.0	.100	-.040	-.020	-.50	550.0	-1.0		.20		160.0	69.0	83.0	3.142
WA07	80	7	350.0	-.100	-.040	-.020	-.50	350.0	-1.0		.10		120.0	37.0	74.0	2.844
WA08	80	5	410.0	1.500	.060	-.020	.50	410.0	-1.0	-1.0	-.10		110.0	60.0	150.0	1.919
		7	420.0	-.100	-.040	-.020	-.50	420.0	-1.0		.10		130.0	69.0	93.0	2.490
WA09	80	2	340.0	-.100	-.040	-.020	-.50	340.0	-1.0		.10		100.0	57.0	50.0	2.296
		4	380.0	-.100	-.040	-.020	-.50	380.0	-1.0	...	-.10		110.0	60.0	140.0	1.959
		7	390.0	-.100	-.040	-.020	.50	390.0	-1.0		.10		110.0	61.0	67.0	2.341
WA12	80	4	470.0	-.100	-.040	-.020	.60	390.0	80.0	3.0	-.10		140.0	84.0	160.0	2.231
		7	450.0	.200	-.040	-.020	-.50	450.0	-1.0		.10		140.0	89.0	93.0	2.491
WA56	80	8	420.0	-.100	6.000	-.020	-.50	420.0	-1.0		.30		190.0	40.0	69.0	4.504

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.3-1
(Cont)

CB-TRACT
WATER QUALITY PARAMETERS
ALLUVIAL WELLS
FOR SAMPLE DATA SHOWN

WELL	YR	MO	FECAL COLIF. COLONY /100ML	TOTAL COLIF. 100ML	N KJELD. (MG/L)	HARDNESS (MG/L CACO3)	TOTAL ALPHA PCI/L	TOTAL BETA PCI/L	RADIUM 226 PCI/L	HG (MG/L)	SE (MG/L)	AG (MG/L)	ZN (MG/L)	F (MG/L)	NI (MG/L)	CR (MG/L)
WA01	80	2			2.0	430.0				-.00200	-.001	-.010	-.020	1.10	.020	-.010
		4	-1.0	7.0	.4	410.0				.00020	-.010	-.010	-.010	1.10	-.020	-.020
		7			.3	490.0				-.00020	-.010	-.010	-.020	.50	-.020	-.020
WA02	80	2			3.6	390.0				-.00200	-.001	-.010	.020	1.50	.020	-.010
		4	-1.0	-1.0	1.4	590.0				.00020	-.010	-.010	.020	1.30	-.020	-.020
		7			.6	440.0				-.00020	-.010	-.010	-.020	2.00	-.020	-.020
WA03	80	2			.8	470.0				-.00200	-.001	-.010	-.020	.60	.030	-.010
		4	-1.0	2.0	.5	720.0				.00020	.010	-.010	.020	.40	-.020	-.020
		7			.1	550.0				-.00020	-.010	-.010	-.020	.20	-.020	-.020
WA05	80	2			.1	390.0				-.02000	-.020	-.010	-.010	.60	.040	-.010
		5	-1.0	-1.0	.1	560.0		6.0		.00020	-.010	-.010	.010	.50	-.020	-.020
		7			.1	460.0				-.00020	-.010	-.010	-.020	.70	-.020	-.020
WA06	80	2			.1	390.0				-.02000	-.020	-.010	.010	.60	.050	-.010
		5	-1.0	-1.0	.4	580.0	.1			-.00020	-.010	-.010	-.010	.50	-.020	-.020
		7			.1	490.0				-.00020	-.010	-.010	-.020	.50	-.020	-.020
WA07	80	7			.3	340.0				-.00020	-.010	-.010	-.020	.30	-.020	-.020
WA08	80	5	-1.0	-1.0	.3	620.0	1.9			.00020	.010	-.010	.010	.30	-.020	-.020
		7			.1	520.0				-.00020	-.005	-.010	-.020	.40	-.020	-.020
WA09	80	2			2.2	360.0				-.02000	-.020	-.010	.010	.30	.060	-.010
		4	-1.0	8.0	.1	600.0				.00020	-.010	-.010	.010	.20	-.020	-.020
		7			.4	420.0				-.00020	-.010	-.010	-.020	.10	-.020	-.020
WA12	80	4	-1.0	-1.0	.1	740.0				.00020	.020	-.010	.020	.30	-.020	-.020
		7			.3	600.0				-.00020	-.010	-.010	-.020	.10	-.020	-.020
WA56	80	8			6.9	340.0				-.00020	-.010	-.010	-.020	2.00	-.020	-.020

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.3-1
(Cont)

CB-TRACT
WATER QUALITY PARAMETERS
ALLUVIAL WELLS
FOR SAMPLE DATA SHOWN

WELL	YR	MO	MO (MG/L)	TOTAL DISS SOLIDS (MG/L)	OIL AND GREASE (MG/L)	COD (MG/L)	PHEN (MG/L)	K (MG/L)	CD (MG/L)	CU (MG/L)	SR (MG/L)	SO4 (MG/L)	PB (MG/L)	LI (MG/L)	MN (MG/L)	CL (MG/L)	FE (MG/L)
WA01	80	2	-.010	1200.0	16.0	-1.0	.0020	2.0	-.010	-.020	4.4	510.0	.020	-.05	.300	25.0	.02
		4	-.010	1300.0	3.0	2.0	.0020	3.2	-.010	-.020	3.2	420.0	-.020	-.05	-.020	59.0	-.02
		7	.020	1300.0	1.0	-1.0	.0060	1.8	-.010	-.020	5.4	310.0	-.020	-.05	.300	17.0	-.02
WA02	80	2	-.010	830.0	15.0	50.0	.0020	1.2	-.010	-.020	11.0	330.0	-.020	-.05	.100	15.0	-.02
		4	-.010	900.0	34.0	-1.0	.0030	2.7	-.010	-.020	8.6	300.0	.020	-.05	.080	58.0	-.02
		7	-.010	870.0	11.0	-1.0	.0010	.9	-.010	-.020	11.0	220.0	-.020	-.05	.100	7.3	-.02
WA03	80	2	-.010	1000.0	12.0	2.0	.0020	1.5	-.010	-.020	5.7	430.0	.020	-.05	-.020	26.0	-.02
		4	-.010	1000.0	15.0	48.0	.0020	2.9	-.010	.020	6.1	320.0	.020	-.05	.030	61.0	.02
		7	-.010	1000.0	15.0	-1.0	.0010	1.4	-.010	-.020	6.9	220.0	-.020	-.05	-.020	11.0	-.02
WA05	80	2	.020	950.0	7.0	8.0	.0030	4.0	-.010	-.010	4.0	310.0	.020	-.05	.040	29.0	-.02
		5	-.010	990.0	14.0	70.0	-.0010	3.7	-.010	-.020	3.3	320.0	.020	-.05	-.020	65.0	.02
		7	.020	920.0	10.0	8.0	-.0010	2.2	-.010	-.020	4.4	200.0	-.020	-.05	-.020	13.0	-.02
WA06	80	2	-.010	950.0	4.0	-1.0	.0090	2.8	-.010	.030	4.7	350.0	.020	-.05	.100	20.0	-.02
		5	.020	990.0	2.0	35.0	-.0010	2.8	-.010	-.020	3.1	260.0	-.020	-.05	.080	57.0	.02
		7	-.010	930.0	7.0	13.0	-.0010	1.7	-.010	-.020	5.0	230.0	-.020	-.05	.100	13.0	-.02
WA07	80	7	-.010	700.0	9.0	6.0	-.0010	1.1	-.010	-.020	4.7	130.0	-.020	-.05	-.020	15.0	-.02
WA08	80	5	-.010	900.0	21.0	60.0	-.0010	3.2	-.100	-.020	3.3	350.0	.020	-.05	-.020	67.0	-.02
		7	-.010	930.0	10.0	10.0	-.0010	1.9	-.010	-.020	4.6	230.0	-.020	-.05	-.020	6.4	-.02
WA09	80	2	-.010	820.0	2.0	-1.0	-.0010	2.6	-.010	-.010	4.7	350.0	-.020	-.05	-.020	13.0	-.02
		4	-.010	850.0	10.0	-1.0	.0010	2.4	-.010	-.020	4.4	310.0	.020	-.05	-.020	62.0	.02
		7	-.010	820.0	-1.0	-1.0	-.0010	.9	-.010	-.020	5.0	230.0	-.020	-.05	-.020	5.8	-.02
WA12	80	4	-.010	1200.0	26.0	37.0	-.0010	3.0	-.010	-.020	5.9	430.0	.020	-.05	-.020	55.0	-.02
		7	-.010	1200.0	5.0	4.0	.0060	1.7	-.010	-.020	6.9	310.0	-.020	-.05	-.020	8.5	-.02
WA56	80	8	.010	870.0	2.0	20.0	-.0010	1.1	-.010	-.020	3.3	250.0	-.020	-.05	.500	20.0	.02

NOTE: - INDICATES LESS THAN

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2.2.2.4 Upper Aquifer Wells

This section presents water quality data for the Upper Aquifer Wells in Table 2.2.2.4-1. The deep well monitoring network is shown in Figure 2.2.1.4-1.

Data are presented in this section for the following stations:

Well No.	Computer Code
CB-2	WX02
CB-4	WX04
14X-17	WX14
SG-18A	WX18
SG-21	WX21
SG-11-3	WX55
SG-8-2	WX82
SG-9-2	WX92

TABLE 2.2.2.4-1

CB-TRACT
WATER QUALITY PARAMETERS
UPPER AQUIFERS
FOR SAMPLE DATA SHOWN

WELL	YR	MO	TOTAL ALK (MG/L CACO3)	AL (MG/L)	AMMONIA AS N (MG/L)	AS (MG/L)	BA (MG/L)	HCO3 (MG/L CACO3)	CO3 (MG/L CACO3)	BOD (MG/L)	COD (MG/L)	BR (MG/L)	NA (MG/L)	MG (MG/L)	CA (MG/L)	SODIUM ABSORPTION RATIO (ME/L)
WX02	80	6	520.0	-.100	.300	-.020	-.50	410.0	110.0	11.0	9.0	-.100	360.0	5.6	6.8	24.763
WX04	80	6	310.0	-.100	.800	-.020	.80	310.0	-1.0	2.0	48.0	-.100	140.0	12.0	22.0	5.964
WX14	80	8	380.0	-.100	.100	-.020	-.50	380.0	-1.0	9.0	2.0	-.100	180.0	51.0	70.0	3.994
WX18	80	6	440.0	-.100	.100	-.020	-.50	370.0	70.0	19.0	26.0	-.100	150.0	46.0	51.0	3.669
WX21	80	6	430.0	-.100	-.040	-.020	-.50	360.0	70.0	2.0	15.0	-.100	170.0	27.0	24.0	5.658
WX55	80	6	470.0	-.100	1.100	-.020	1.60	430.0	38.0	20.0	110.0	-.100	190.0	98.0	43.0	3.661
WX82	80	6	1000.0	.060	1.300	-.020	3.00	830.0	170.0	15.0	13.0	-.100	.0	12.0	47.0	.000
			.0	11.000	1.300	.040	2.40	.0	.0	.0	4.0	.000	510.0	3.3	5.9	41.701
WX92	80	6	600.0	-.100	.100	-.020	.60	600.0	-1.0	14.0	15.0	-.100	180.0	110.0	90.0	3.010

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.4-1
(Cont)

CB-TRACT
WATER QUALITY PARAMETERS
UPPER AQUIFERS
FOR SAMPLE DATA SHOWN

WELL	YR	MO	MO (MG/L)	NI (MG/L)	NO3 (MG/L)	OIL AND GREASE (MG/L)	DOC (MG/L)	PHEN (MG/L)	K (MG/L)	CU (MG/L)	TOTAL DISS SOLIDS (MG/L)	SR (MG/L)	SO4 (MG/L)	LI (MG/L)	MN (MG/L)	FE (MG/L)
WX02	80	6	.020	-.020	-.50	11.0	10.0	.0010	2.6	-.020	1100.0	2.7	280.0	.07	-.020	.03
WX04	80	6	.020	-.020	-.50	8.0	7.0	.0040	.6	-.020	560.0	8.0	120.0	-.05	.060	.20
WX14	80	8	-.010	.020	-.50	9.0	4.0	-.0010	1.3	-.020	1000.0	11.0	390.0	-.05	.040	.03
WX18	80	6	-.010	-.020	-.50	2.0	3.0	-.0010	.4	-.020	770.0	13.0	170.0	-.05	.040	.20
WX21	80	6	-.010	-.020	-.50	1.0	4.0	-.0010	.4	-.020	680.0	7.4	110.0	-.05	.030	-.02
WX55	80	6	.020	-.020	-.50	10.0	22.0	.0040	3.7	.020	1200.0	5.1	460.0	.06	.080	.05
WX82	80	6	-.010	-.020	-.50	1.0	56.0	-.0010	16.0	-.020	1400.0	2.2	73.0	.08	-.020	.20
			-.010	.100	-.50	1.0	5.0	.0000	3.8	.040	.0	2.2	.0	.09	.050	.40
WX92	80	6	.010	.020	-.50	15.0	11.0	.0010	2.0	-.020	1400.0	9.7	430.0	.08	.400	3.20

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.4-1
(Cont)

CB-TRACT
WATER QUALITY PARAMETERS
UPPER AQUIFERS
FOR SAMPLE DATA SHOWN

WELL	YR	MO	N KJELD. (MG/L)	TOTAL ALPHA PCI/L)	TOTAL BETA PCI/L	RADIUM 226 PCI/L	HARDNESS (MG/L CACO3)	HG (MG/L)	SE (MG/L)	AG (MG/L)	CO (MG/L)	B (MG/L)	ZN (MG/L)	PB (MG/L)	F (MG/L)	CL (MG/L)	CR (MG/L)
WX02	80	6	.4	5.6	16.0		40.0	-.00020	-.010	-.010	-.020	.10	-.010	.020	1.70	39.0	-.020
WX04	80	6	.8	.0			100.0	.00020	-.010	-.010	-.020	-.10	-.010	.020	1.30	7.5	-.020
WX14	80	8	.3	.0			380.0	-.00020	-.010	-.010	-.020	.10	-.020	-.020	.20	6.5	-.020
WX18	80	6	.1	.6			320.0	-.00020	-.010	-.010	-.020	.20	.010	-.020	4.20	38.0	-.020
WX21	80	6	.1	.0			170.0	-.00020	-.010	-.010	-.020	.20	.010	-.020	8.60	32.0	-.020
WX55	80	6	1.1	2.9			150.0	-.00020	-.010	-.010	-.020	.20	.020	.200	1.60	11.0	-.020
WX82	80	6	1.6	4.1			170.0	-.00020	-.010	-.010	-.020	.70	.010	.020	29.00	340.0	.020
			1.6	.0			28.0	.00000	.010	-.010	.050	.70	.030	.200	.00	.0	.080
WX92	80	6	.7	2.9			680.0	.00020	.010	-.010	-.020	.20	.020	.100	.90	65.0	-.020

NOTE: - INDICATES LESS THAN

2.2.2.5 Lower Aquifer Wells

Water quality data for Lower Aquifer Wells are presented in Table 2.2.2.5-1. The deep well monitoring network is shown in Figure 2.2.1.4-1.

Data is presented in this section for the following stations:

Well No.	Computer Code
CB-1	WY01
SG-1-1	WY12
SG-17-1R	WY17
AT-1C-1	WY45
AT-1C-2	WY46
SG-11-2	WY54
SG-8R	WY81
SG-9-1	WY91

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TABLE 2.2.2.5-1

CB-TRACT
WATER QUALITY PARAMETERS
LOWER AQUIFERS
FOR SAMPLE DATA SHOWN

WELL	YR	MO	TOTAL ALK (MG/L CACO3)	AL (MG/L)	AMMONIA AS N (MG/L)	AS (MG/L)	BA (MG/L)	HCO3 (MG/L CACO3)	CO3 (MG/L CACO3)	BOD (MG/L)	COD (MG/L)	BR (MG/L)	NA (MG/L)	MG (MG/L)	CA (MG/L)	SODIUM ABSORPTION RATIO (ME/L)
WY01	80	5	2900.0	-.100	2.800	-.020	4.10	2600.0	290.0	9.0	9.0	-.100	1200.0	3.0	4.4	108.099
WY12	80	5	3600.0	-.100	9.200	.110	-.50	3200.0	400.0	50.0	26.0	-.100	1800.0	6.0	8.7	114.965
			650.0	-.100	1.000	-.020	-.50	390.0	260.0	16.0	-1.0	-.100	230.0	13.0	8.2	11.642
WY17	80	6	1900.0	-.100	2.500	-.020	6.30	1800.0	68.0	14.0	18.0	-.100	930.0	5.0	6.2	67.399
WY45	80	6	700.0	-.100	1.000	-.020	3.10	550.0	150.0	100.0	7.0	-.100	320.0	2.7	4.7	29.128
WY46	80	6	680.0	-.100	.900	-.020	5.90	560.0	120.0	8.0	18.0	-.100	300.0	3.7	6.5	23.272
WY54	80	6	600.0	-.100	1.000	.030	1.70	520.0	80.0	10.0	7.0	-.100	270.0	3.8	5.5	21.678
WY81	80	6	1000.0	-.100	1.100	-.020	3.30	890.0	140.0	28.0	-1.0	-.100	480.0	2.5	4.2	45.819
			1000.0	-.100	1.200	-.020	1.60	810.0	200.0	1.0	-1.0	-.100	520.0	15.0	5.7	25.981
WY91	80	5	2800.0	-.100	15.000	-.020	3.10	2600.0	210.0	26.0	40.0	-.100	1500.0	3.6	5.3	123.240

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.5-1
(Cont)

CB-TRACT
WATER QUALITY PARAMETERS
LOWER AQUIFERS
FOR SAMPLE DATA SHOWN

WELL	YR	MO	MO (MG/L)	NI (MG/L)	NO3 (MG/L)	OIL AND GREASE (MG/L)	DOC (MG/L)	PHEN (MG/L)	K (MG/L)	CU (MG/L)	SR (MG/L)	SO4 (MG/L)	LI (MG/L)	MN (MG/L)	TOTAL DISS. SOLIDS (MG/L)	FE (MG/L)
WY01	80	5	-.010	-.020	-.50	-1.0	72.0	-.0010	6.1	-.020	.3	-5.0	-.05	.100	3300.0	.30
WY12	80	5	.100	-.020	-.50	9.0	46.0	-.0010	25.0	-.020	.6	-5.0	1.70	.060	4700.0	.10
			.010	-.200	-.50	6.0	22.0	-.0010	2.8	-.020	2.2	53.0	-.05	.030	770.0	.03
WY17	80	6	-.010	-.020	-.50	1.0	14.0	-.0010	6.7	-.020	1.8	-5.0	.60	.020	2300.0	-.02
WY45	80	6	.020	-.020	-.50	11.0	7.0	-.0010	5.8	-.020	2.4	-5.0	-.05	.030	800.0	.02
WY46	80	6	.010	-.020	-.50	13.0	3.0	-.0010	3.0	-.020	4.1	-5.0	.06	.020	770.0	.03
WY54	80	6	.060	-.020	-.50	11.0	7.0	-.0010	2.1	-.020	2.9	-5.0	.05	.020	700.0	-.02
WY81	80	6	-.010	-.020	-.50	1.0	43.0	-.0010	1.0	-.020	2.9	-5.0	.09	-.010	1200.0	.20
			-.010	-.020	-.50	1.0	53.0	-.0010	3.2	-.020	2.2	5.0	.09	-.020	1100.0	.30
WY91	80	5	.030	.020	-.50	5.0	14.0	.0010	16.0	-.020	1.3	-5.0	4.60	.100	4100.0	.09

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.5-1
(Cont)

CB-TRACT
WATER QUALITY PARAMETERS
LOWER AQUIFERS
FOR SAMPLE DATA SHOWN

WELL	YR	MO	N KJELD. (MG/L)	TOTAL ALPHA PCI/L	TOTAL BETA PCI/L	RADIUM 226 PCI/L	HARDNESS (MG/L CACO3)	HG (MG/L)	SE (MG/L)	AG (MG/L)	CO (MG/L)	B (MG/L)	ZN (MG/L)	PB (MG/L)	F (MG/L)	CL (MG/L)	CR (MG/L)
WY01	80	5	2.9				23.0	-.00020	.030	-.010	-.020	.90	.010	.020	28.00	68.0	-.020
WY12	80	5	10.0				47.0	-.00020	-.010	-.010	.090	15.00	.020	.040	28.00	400.0	-.020
			1.0				74.0	-.00020	-.010	-.010	.030	.60	.010	.020	15.00	47.0	-.020
WY17	80	6	4.8	3.3	3.0		36.0	-.00020	.020	-.010	-.020	5.80	.020	-.020	28.00	230.0	-.020
WY45	80	6	1.1	10.3	21.0		23.0	-.00020	-.010	-.010	-.020	.70	-.010	.020	19.00	36.0	-.020
WY46	80	6	1.0	90.0	97.0		31.0	-.00020	.020	-.010	-.020	.80	-.010	.020	18.00	59.0	-.020
WY54	80	6	1.0	2.5	15.0		30.0	.00020	-.010	-.010	-.020	.60	-.010	.020	17.00	47.0	-.020
WY81	80	6	1.1	3.7			20.0	-.00020	.010	.010	-.020	.80	.010	-.020	29.00	40.0	-.020
			1.4	1.0			76.0	-.00020	-.010	-.010	-.020	.70	.010	.020	28.00	4.8	-.020
WY91	80	5	16.0				28.0	-.00020	.300	-.010	.100	30.00	.020	.020	22.00	700.0	-.020

NOTE: - INDICATES LESS THAN

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2.2.2.6 Impoundments/Discharge/NPDES/Reinjection

This section presents data for NPDES quality samples. Water quality samples for weekly, monthly and semi-annual analysis for A/B discharge (WN40) are shown in Tables 2.2.2.6-1 through 2.2.2.6-3 respectively.

Water quality discharge samples for No-Name Gulch (WU42) are presented in Table 2.2.2.6-4.

Water quality sampling of reinjection well (WI18) by Pond C begun in August 1980. Results of the data are presented in Table 2.2.2.6-5.

These monitoring stations are located on Figure 4.3-1 (Development Monitoring Activities, jacket map) in section 4.3 Station Coordinates.

TABLE 2.2.2.6-1

CB-TRACT
NPDES WATER QUALITY SAMPLES
WEEKLY ANALYSIS

LOC	YR	MO	DY	FLOW (GPM)	TOTAL SUSPEND SOLIDS (MG/L)	TOTAL DISSOLVED SOLIDS (MG/L)	TOTAL F (MG/L)	TOTAL B (MG/L)	AMMONIA AS N (MG/L)	TOTAL PHENOL (MG/L)	AL (MG/L)	TOTAL FE (MG/L)	OIL AND GREASE (MG/L)	PH
WN40	79	7	31		20.0	910.0	2.10	-.10	.98	-.001	-.1	.02	-1	
		8	6		-1.0	940.0	2.70	.20		-.001	-.1	.12	2	
			15		-1.0	880.0	1.60	.19			.6	1.30	2	
			22		-1.0	820.0	1.50	.10	.83	.003	.4	-.03	-1	
			27		-1.0	990.0	1.30	.10	.75	-.001	.5	.90	-1	
			29		-1.0	870.0	1.10	-.10	.95	-.001	.4	.50	-1	
			31		-1.0	920.0	1.20	.10	1.64	-.001	.6	1.00	4	
		9	5	450.0	4.0	3800.0	1.30	.20	.94	.003	-.1	.03	-1	8.80
			6	450.0	17.0	840.0	1.40	.20	.85	.003	.1	.20	1	8.25
			13	625.0	10.0	720.0	3.20	.10	.81	.003	.4	.20	-1	8.05
			18	347.0	26.0	860.0	1.70	.10	3.30	-.001	.2	.70	5	8.80
			24	170.0	8.0	800.0	1.40	.13	3.20	-.001	-.1	.30	27	7.90
			28	220.0									0	.00
		10	1	210.0	12.0	800.0	1.80	.07	3.20	.004	-.1	.20	21	8.20
			8	210.0	26.0	920.0	3.80	.20	1.80	.006	.6	1.00	6	8.07
			17	585.0	66.0	850.0	2.60	.00	.00	-.001	.7	.90	0	8.20
			26	316.0	42.0	890.0	3.10	.00	1.50	.020	.8	.70	15	7.50
			30	720.0	15.0	810.0	2.70	.00	1.60	.050	.8	.20	10	8.70
		11	5	620.0	12.0	870.0	2.50	.30	1.62	.004	1.2	.20	-1	8.40
			8	720.0									0	8.50
			13	820.0	5.0	770.0	2.50	.10	1.57	.003	1.1	.08	-1	7.50
			21	990.0	45.0	920.0	3.40	.20	2.50	.002	1.6	.60	3	8.05
			24	780.0	53.0	830.0	4.00	.10	2.00	.020	1.3	.20	8	8.21
			28	890.0	150.0	890.0	2.80	.30	1.40	.020	11.0	.30	4	8.31
			30	880.0	65.0	860.0	5.60	.30	2.10	.020	.5	.30	2	8.60
		12	7	920.0	25.0	850.0	5.80	.20	3.30	.020	1.4	.20	2	8.24
			14	250.0	48.0	900.0	6.70	.20	5.80	-.001	1.5	.70	11	8.80
			18	350.0	38.0	910.0	4.40	.20	2.20	.010	1.9	.70	2	6.84
			19	320.0									0	8.20
			26	420.0	17.0	970.0	4.10	.20	1.70	-.001	.8	.04	2	7.12
	80	1	2	990.0	5.0	950.0	5.10	.20	1.60	-.001	.5	.20	2	8.00
			7	140.0	10.0	910.0	5.70	-.20	1.40	.017	1.4	.20	1	8.34
			10	694.0	140.0	920.0	7.00	.20	1.60	-.001	4.6	3.00	1	8.35
			18	275.0	53.0	990.0	8.40	.00	2.60	.009	1.9	1.50	1	8.86
			24	130.0	61.0	960.0	7.40	.30	2.70	.009	1.0	1.20	1	9.10
			31	278.0	160.0	900.0	6.80	.30	2.30	.010	3.0	2.60	1	8.36
		2	8	920.0	62.0	1100.0	8.20	-.10	2.20	.004	1.4	1.90	-1	7.60
			15		46.0	1200.0	9.00	-.10	1.60	.003	.7	.02	1	7.80
			21		40.0	1100.0	9.00	.20	2.10	.006	.4	.04	3	8.60

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.6-1
(Cont)

CB-TRACT
NPDES WATER QUALITY SAMPLES
WEEKLY ANALYSIS

LOC	YR	MO	DY	FLOW (GPM)	TOTAL SUSPEND SOLIDS (MG/L)	TOTAL DISSOLVED SOLIDS (MG/L)	TOTAL F (MG/L)	TOTAL B (MG/L)	AMMONIA AS N (MG/L)	TOTAL PHENOL (MG/L)	AL (MG/L)	TOTAL FE (MG/L)	OIL AND GREASE (MG/L)	PH
WN40	80	2	24											8.80
			29	278.0	53.0	1000.0	10.00	.10	2.60	.004	.2	.08	8	9.40
		3	4		62.0	1100.0	9.80	-.10	3.10	.004	.4	.10	7	8.90
			12		160.0	1200.0	12.00	.10	2.40	.001	.3	.90	9	8.70
			13		103.0	1200.0	14.00	.10	2.00	-.001	.2	1.00	4	8.70
			21		220.0	1000.0	13.00	-.10	3.00	-.001	.5	4.00	3	7.60
			26		209.0	1200.0	13.00	-.10	2.40	-.001	.4	1.70	8	8.00
		4	2		292.0	1200.0	14.00	-.10	1.90	-.001	.5	2.00	-1	8.72
			9		132.0	1600.0	13.00	-.10	2.40	-.001	4.8	1.60	8	6.95
			17		95.0	1600.0	14.00	.20	1.70	.001	2.5	1.00	1	6.20
			24		53.0	1300.0	17.00	-.10	1.60	.007	2.9	.30	16	7.32
			28		222.0	1100.0	15.00	.60	1.50	.003	3.2	1.00	6	8.25
		5	7		150.0	1100.0	15.00	.60	1.50	.010	4.8	.90	1	8.85
			14		473.0	970.0	15.00	.40	1.70	.001	.4	1.30	7	7.70
			29		23.0	1000.0	13.00	.60	1.20	-.001	.1	.20	-1	7.97
		6	11	321.0	15.0	1300.0	18.00	.70	1.30	-.001	.1	.10	0	7.40
			18	148.0	24.0	1200.0	13.00	.70	2.00	.012	.0	.08	1	8.40
			24	133.0	21.0	1200.0	16.00	.60	1.50	-.001	.3	.09	6	8.70
		7	3		17.0	1200.0	13.00	.60	1.80	-.001	.7	.04	5	6.90
			7		12.0	1200.0	19.00	.60	.40	-.001	.5	.10	8	7.50
			16		21.0	1200.0	17.00	.50	.80	.004	.3	.20	10	8.50
			23		24.0	1300.0	19.00	.50	-.04	-.001	.3	.30	10	8.00
		8	8		62.0	1400.0	18.00	.70	.50	-.001	.2	.10	5	8.40
			13		15.0	1500.0	19.00	.70	1.80	.002	.3	.10	4	7.50
			20		35.0	1500.0	18.00	.60	.90	.030	.3	.40	1	7.70
			27		10.0	1500.0	17.00	.60	1.00	.003	.2	.10	2	7.60
		9	2		31.0	1700.0	17.00	.70	.90	.003	1.0	.50	1	7.20
			10		24.0	1500.0	19.00	.80	1.30	.002	-.1	-.02	2	7.80
			17		18.0	1600.0	16.00	.70	.70	.002	.8	.20	1	7.40
			25		23.0	1600.0	18.00	.70	.70	-.001	1.0	.30	3	7.80
		10	2		58.0	1700.0	16.00	.40	.80	-.001	1.2	.40	2	7.50
			8		21.0	1500.0	15.00	.70	.90	-.001	.1	.10	1	8.30
			17		126.0	1700.0	17.00	.80	1.20	.008	1.7	1.80	11	6.90
			22		20.0	1400.0	20.00	.90	1.10	.005	.4	.30	5	8.20
			29		26.0	1700.0	16.00	.90	1.30	.004	.5	.30	1	8.60
		11	5		29.0	1600.0	21.00	.70	1.40	.001	1.3	.29	8	7.20
			12		8.0	1500.0	18.00	.70	1.50	.001	.3	.07	10	8.20
			21		579.0	1500.0	19.00	.70	.50	-.001	.4	1.80	5	7.10
			25		156.0	1500.0	19.00	.70	1.40	.001	.2	1.20	1	6.80

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.6-2

CB-TRACT
NPDES WATER QUALITY SAMPLES
MONTHLY ANALYSIS

LOC	YR	MO	TOTAL CD (MG/L)	TOTAL CU (MG/L)	TOTAL HG (MG/L)	TOTAL AG (MG/L)	TOTAL ZN (MG/L)
WN40	79	7	-.02	.02	-.00020	-.01	.03
		8	-.02	-.02	-.00020	-.01	.03
		9	-.02	-.02	-.00020	-.01	-.02
		10	-.02	-.02	-.00200	-.01	-.02
		11	-.02	-.02	-.00004	-.01	.20
		12	-.02	-.02	-.00004	.00	.08
	80	1	-.03	-.04	-.00020	-.01	.01
		2	-.01	-.02	.00005	-.01	.10
		3	-.01	.04	.00400	-.01	.10
		4	-.01	-.01	-.00020	-.01	.40
		5	-.01	-.01	-.00020	-.01	.04
		6	-.01	-.02	.00020	-.01	.01
		7	-.01	-.01	.00020	-.01	.01
		8	-.01	-.02	-.00020	-.01	-.02
		9	-.01	-.02	.00100	-.01	.10
		10	-.01	.02	.00090	-.01	.06
		11	-.01	-.01	.00200	.00	-.02

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.6-3

NPDES SEMI-ANNUAL
WATER QUALITY
MEASUREMENT IS MG/L

LOC	YR	MO	DY	TOTAL ALKALINITY	BROMIDE	CARBONATE	CALCIUM	NITRATE	SULFATE	SULFIDE	BICARBONATE	SILICA	SUSSPENDED SOLIDS
WN40	80	1	18	330.00	-.1	200.0	19.00		420.0	-.5	130.0	63.0	
		6	18	570.00	-.1	130.0	12.00	16.0	280.0	-.5	440.0	11.0	24.00

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.6-3
(Cont)

NPDES SEMI-ANNUAL
WATER QUALITY
MEASUREMENT IS MG/L

LOC	YR	MO	DY	TOTAL CADMIUM	CALCIUM	TOTAL CHROMIUM	TOTAL COPPER	TOTAL IRON	TOTAL LEAD	TOTAL LITHIUM	MAGNESIUM	TOTAL MANGANESE	TOTAL MOLYBDENUM
WN40	80	1	18	-.01	19.00	.01	-.02	1.50	-.02	.05	12.00	.05	.02
		6	18	-.01	12.00	.02	-.02	.08	.02	-.05	6.20	-.02	.02

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.6-3
(Cont)

NPDES SEMI-ANNAUL
WATER QUALITY
MEASUREMENT IS MG/L

LOC	YR	MO	DY	TOTAL DISSOLVED SOLIDS	FLORIDE	BORON	AMMONIA AS N	PHENOL	OIL AND GREASE	TOTAL MERCURY	TOTAL ALUMINUM	TOTAL ARSENIC	TOTAL BARIUM
WN40	80	1	18	990.0	8.40	.30	2.600	.009	1.00	-.00010	1.90	-.02	.20
		6	18	120.0	13.00	.70	2.000	.012	1.00	.00020	5.20	.03	-.50

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.6-3
(Cont)

NPDES SEMI-ANNUAL
WATER QUALITY
MEASUREMENT IS MG/L

LOC	YR	MO	DY	TOTAL NICKEL	TOTAL POTASSIUM	SELENIUM	TOTAL SILVER	TOTAL CODIUM	TOTAL STRONTIUM	TOTAL ZINC	TOTAL TITANIUM	TOTAL VANADIUM	KJELDAHL	DOC
WN40	80	1	18	.01	5.70	-.0050		270.00	2.50	.03	-.10	.05	.40	2.8
		6	18	-.02	8.60	-.0100	-.01	430.00	1.00	.01	-.10	-.05	2.10	26.0

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.6-3
(Cont)

NPDES SEMI-ANNUAL
WATER QUALITY
MEASUREMENT IS MG/L

LOC	YR	MO	DY	TOTAL ZIRCONIUM	TOTAL BERYLLIUM	TOTAL BISMUTH	TOTAL GERMANIUM	TOTAL GALLIUM	CYANIDE
WN40	80	1	18		-.010	-.500			.024
		6	18	-.001	-.001	.001	-.001	.002	.014

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.6-3
(Cont)

NPDES SEMI-ANNUAL
WATER QUALITY
MEASUREMENT PCI/L UNLESS OTHERWISE NOTED

LOC	YR	MO	DY	TOTAL ALPHA	TOTAL BETA	TOTAL RADIUM 226	TOTAL URANIUM	TEMP DEGS	NITRATE/NITRITE (MG/L)
WN40	80	1	18	6.0	.0	.100	-.0010		
		6	18	.7	.0			21.00	4.100

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.6-3
(Cont)

NPDES SEMI-ANNUAL
WATER QUALITY
FRACTIONATION OF DOC

LOC	YR	MO	DY	CONDUCTIVITY	PH	COD	HYDROPHOBICS: TOTALS	BASES	ACIDS	NEUTRALS	HYDROPHILICS: TOTALS	BASES	ACIDS	NEUTRALS
WN40	80	1	18		8.6	4.00	1.7	.1	.5	1.1	1.1	.1	.7	.3
		6	18	1700.0	8.4	4.00								

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.6-4

CB-TRACT
WATER QUALITY PARAMETERS
NPDES DISCHARGE

WELL	YR	MO	DY	TOTAL ALK (MG/L CACO3)	AL (MG/L)	AMMONIA AS N (MG/L)	AS (MG/L)	BA (MG/L)	HCO3 (MG/L)	CO3 (MG/L)	BOD (MG/L)	B (MG/L)	BR (MG/L)	NA (MG/L)	MG (MG/L)	CA (MG/L)
WU42	80	1	31		.100	2.200										
		2	21		.200	1.400										
			27		-.100	1.500										
			28		.200	.900										
		3	4		.100	1.700										
			12		1.200	2.600										
			21		.200	1.600						.40				
			26		-.100	1.800										
		4	2		.400	1.500										
			9		.200	1.100										
			16		.600	.900										
			23		3.000	.300										
			30		.100	.800										
		5	14		.200	.200										
			29		.200	.600										
		6	12													
			24			.300										
		7	9		.500	.050										
			16		.300	.200										
			23		.300	.050										
		10	2		.200	-.040										
			8		-.100	.040										
			17		.400	.900										
			22		.200	-.040										
			29													
		11	5		.300	.600										
			12		.200	.400										
			21		.300	.400										
			25													
		12	4													

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.6-4
(Cont)

CB-TRACT
WATER QUALITY PARAMETERS
NPDES DISCHARGE

WELL	YR	MO	DY	FECAL COLIF. COLONY /100ML	TOTAL COLIF. 100ML	N KJELD. (MG/L)	HARDNESS (MG/L CACO3)	TOTAL ALPHA PCI/L	TOTAL BETA PCI/L	RADIUM 226 PCI/L	HG (MG/L)	SE (MG/L)	AG (MG/L)	ZN (MG/L)	F (MG/L)	NI (MG/L)	CR (MG/L)
WU42	80	1	31														
		2	21														
			27														
			28														
		3	4														
			12														
			21								.00030		-.010	.020	10.00		
			26														
		4	2														
			9														
			16														
			23														
			30														
		5	14														
			29												12.00		
		6	12														
			24														
		7	9												18.00		
			16												19.00		
			23												11.00		
		10	2												15.00		
			8												14.00		
			17												17.00		
			22												19.00		
			29														
		11	5												20.00		
			12												17.00		
			21												19.00		
			25														
		12	4														

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.6-4
(Cont)

CB-TRACT
WATER QUALITY PARAMETERS
NPDES DISCHARGE

WELL	YR	MO	DY	MO (MG/L)	TOTAL DISS SOLIDS (MG/L)	OIL AND GREASE (MG/L)	COD (MG/L)	PHEN (MG/L)	K (MG/L)	CD (MG/L)	CU (MG/L)	SR (MG/L)	SO4 (MG/L)	PB (MG/L)	LI (MG/L)	MN (MG/L)	CL (MG/L)	FE (MG/L)
W042	80	1	31			4.0												
		2	21			9.0												
			27			4.0												
			28			9.0												
		3	4			2.0												
			12			9.0												
			21		1000.0	3.0		-.0010		-.010	.010							-.02
			26			-1.0												
		4	2			1.0												
			9			-1.0												
			16			11.0												
			23			4.0												
			30			-1.0												
		5	14			7.0												
			29			7.0												
		6	12															
			24			10.0												
		7	9			5.0												
			16			4.0												
			23			6.0												
		10	2			1.0												
			8			2.0												
			17			12.0												
			22			5.0												
			29															
		11	5			7.0												
			12			1.0												
			21			-1.0												
			25															
		12	4															

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.6-4
(Cont)

CB-TRACT
WATER QUALITY PARAMETERS
NPDES DISCHARGE

WELL	YR	MO	DY	DO (MG/L)	COD (MG/L)	NO3 (MG/L)	PH	SPEC. COND. (MG/L)	TEMP	SILICA (MG/L)	SUSSPENDED SOLIDS (MG/L)
W042	80	1	31								
		2	21								
			27								
			28								
		3	4								
			12								
			21	6.0			8.7	1850.0	17.5		710.0
			26	8.0			8.7	1150.0	11.0		1573.0
		4	2	9.6			8.8	1345.0	18.0		1634.0
			9								
			16	7.0			8.4	2430.0	17.5		1890.0
			23				8.6	1400.0	9.0		88.0
			30	7.2			8.8	1200.0	15.0		290.0
		5	14	6.9			8.5	1720.0	16.0		
			29	8.0			8.6	1870.0	14.5		
		6	12	6.5			8.2	1800.0	17.5		
			24								
		7	9	7.2			8.6	1770.0	23.0		23.0
			16								
			23	8.9			8.7	1740.0	24.0		20.0
		10	2				9.3	2400.0	13.0		7058.0
			8	7.4			8.9	2550.0	18.0		
			17	7.7			8.5	2460.0	16.0		1780.0
			22	8.2			8.7	2300.0	17.0		518.0
			29	6.6			8.7	2400.0	16.0		163.0
		11	5	7.8			8.5	1960.0	15.0		
			12	7.6			8.5	2310.0	15.0		212.0
			21	9.4			8.2	1960.0	9.0		676.0
			25	7.3			8.6	1950.0	11.0		167.0
		12	4	8.3			8.8	1930.0	15.0		132.0

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.6-5

CB TRACT WATER QUALITY PARAMETERS - REINJECTION WELL

LOC.	YR	MO	TOTAL ALK (MG/L CACO3)	AL (MG/L)	AMMONIA AS N (MG/L)	AS (MG/L)	BA (MG/L)	HCO3 (MG/L CACO3)	CO3 (MG/L CACO3)	BOD (MG/L)	BR (MG/L)	HARDNESS (MG/L CACO3)	NA (MG/L)	MG (MG/L)	CA (MG/L)	DOC (MG/L)
WI18	80	8	430.0	.100	.080	-.020	-.50	280.0	150.0	54.0	-.100	130.0	210.0	2.8	4.6	3.0
			470.0	-.100	.400	-.020	-.50	320.0	150.0	16.0	-.100	23.0	210.0	2.8	4.3	3.0

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.6-5
(CONT)

CB TRACT WATER QUALITY PARAMETERS - REINJECTION WELL

LOC.	YR	MO	MO (MG/L)	NI (MG/L)	NO3 (MG/L)	OIL AND GREASE (MG/L)	PHEN (MG/L)	K (MG/L)	B (MG/L)	TOTAL DISS SOLIDS MG/L)	SR (MG/L)	SO4 (MG/L)	CD (MG/L)	CL (MG/L)	COD (MG/L)	CR (MG/L)	CU (MG/L)
WI18	80	8	.030	-.020	-.50	6.0	-.0010	4.1	.30	550.0	1.2	7.0	.000	34.0	24.0	-.020	-.020
			-.010	-.020	-.50	3.0	.0500	1.9	.40	540.0	1.9	9.0	.000	2.5	1.0	-.020	-.020

NOTE: - INDICATES LESS THAN

TABLE 2.2.2.6-5
(Cont)

CB TRACT WATER QUALITY PARAMETERS - REINJECTION WELL

LOC.	YR	MO	FECAL COLIF. COLONY /100ML	TOTAL COLIF. COLONY /100ML	N KJELD. (MG/L)	HG (MG/L)	SE (MG/L)	AG (MG/L)	TOTAL ALPHA PCI/L	TOTAL BETA PCI/L	RADIUM 226 PCI/L	ZN (MG/L)	PB (MG/L)	LI (MG/L)	MN (MG/L)	FE (MG/L)	F (MG/L)
WI18	80	8			.8	-.00020	-.010	-.010	3.0	2.0	.0	-.020	-.020	-.05	-.020	-.02	17.00
					.6	-.00020	-.010	-.010	.0	.0	.0	-.020	.020	-.05	.030	-.02	15.00

NOTE: - INDICATES LESS THAN

2.2.2.7 Shaft and Mine Water

Shaft water is analyzed at the three shafts on C-b Tract; Ventilation/Escape, Service and Production Shafts. Water quality data are presented in Table 2.2.2.7-1 of this section. Within these data tables are the grout hole and/or probe hole description for each sample taken, plus the ground level elevation of the shaft and the depth of the shaft at the time a water sample is taken.

TABLE 2.2.2.7-1

SHAFT WATER QUALITY ANALYSIS
WZ01=V/E WZ02=SERV WZ03=PROD

OBS	LOCATION	YEAR	MONTH	DAY	GROUT	PROBEHOL	DEPTH	ELEVATIO	GPM	ALUMINUM	ARSENIC	BARIUM	BORON	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	LITHIUM	MAGNESIU	MANGANES	MERCURY	MOLYBDEN	NICKEL	POTASSIU	SELENIUM	SILVER
1	WZ01	80	2	29	0	0	0	0	0	0.1	-0.02	0	0.4	0	9.3	0	0	0.00	-0.02	-0.02	0	7.5	-0.02	0	-0.02	0	3.4	0	0
2	WZ01	80	9	26	10	4	168	5310	0	-0.1	-0.02	0	0.8	0	7.1	0	0	0.00	-0.02	-0.02	0	3.2	-0.02	0	-0.01	0	3.4	0	0
3	WZ01	80	9	26	10	2	150	5328	0	0.9	-0.02	0	0.7	0	9.0	0	0	0.00	-0.02	-0.02	0	3.1	-0.02	0	-0.01	0	7.3	0	0
4	WZ01	80	9	24	10	2	108	5370	0	4.6	-0.02	0	1.4	0	2.8	0	0	0.00	-0.02	-0.02	0	1.7	-0.02	0	0.01	0	28.0	0	0
5	WZ01	80	9	24	10		1315	5390	0	0.5	-0.02	0	1.3	0	7.5	0	0	0.00	0.03	-0.02	0	2.9	-0.02	0	-0.01	0	20.0	0	0
6	WZ01	80	9	25	10	7	84	5394	20	0.7	-0.02	0	1.0	0	4.7	0	0	0.00	-0.02	-0.02	0	2.4	-0.02	0	0.02	0	20.0	0	0
7	WZ01	80	9	22	12		1277	5428	0	0.8	-0.02	0	1.2	0	7.3	0	0	0.00	-0.02	-0.02	0	3.3	-0.02	0	-0.01	0	12.0	0	0
8	WZ01	80	7	14	9	10	126	5429	232	0.2	-0.02	0	1.2	0	5.6	0	0	0.00	-0.02	-0.02	0	3.9	-0.02	0	0.02	0	17.0	0	0
9	WZ01	80	9	18	10		1262	5443	0	0.7	-0.02	0	1.0	0	4.4	0	0	0.00	-0.02	-0.02	0	3.0	-0.02	0	-0.01	0	16.0	0	0
10	WZ01	80	7	8	9	10	108	5447	116	1.0	-0.02	0	1.1	0	3.0	0	0	0.00	0.02	-0.02	0	2.4	-0.02	0	0.01	0	60.0	0	0
11	WZ01	80	5	5	8	C	148	5453	600	1.9	-0.02	0	1.0	0	59.0	0	0	0.00	0.02	-0.02	0	12.0	-0.02	0	0.01	0	15.0	0	0
12	WZ01	80	6	29	9	4	100	5455	78	4.3	-0.02	0	1.0	0	4.0	0	0	0.00	0.07	-0.02	0	3.4	-0.02	0	-0.01	0	19.0	0	0
13	WZ01	80	4	29	8	A	90	5511	500	0.5	-0.02	0	0.6	0	55.0	0	0	0.00	-0.02	-0.02	0	11.0	-0.02	0	-0.01	0	11.0	0	0
14	WZ01	80	4	18	8	B	80	5521	300	0.6	-0.02	0	0.5	0	3.2	0	0	0.00	-0.02	-0.02	0	3.5	-0.02	0	0.01	0	25.0	0	0
15	WZ01	80	5	5	8	C	80	5521	300	3.2	-0.02	0	0.6	0	53.0	0	0	0.00	0.02	-0.02	0	12.0	-0.02	0	0.01	0	25.0	0	0
16	WZ01	80	4	16	8	B	68	5533	500	-0.2	-0.02	0	0.6	0	5.6	0	0	0.00	-0.02	-0.02	0	7.4	-0.02	0	-0.01	0	7.9	0	0
17	WZ01	80	4	14	8	D	60	5541	100	3.3	-0.02	0	0.5	0	4.8	0	0	0.00	0.03	-0.02	0	5.4	-0.02	0	0.01	0	15.0	0	0
18	WZ01	80	4	2	8	C	48	5552	300	0.5	-0.02	0	0.4	0	7.2	0	0	-0.02	0.06	0.00	0	5.3	-0.02	0	-0.01	0	1.6	0	0
19	WZ01	80	5	14	8	B	42	5559	175	0.4	-0.02	0	0.5	0	9.9	0	0	0.00	0.02	0.02	0	5.8	-0.02	0	-0.01	0	8.8	0	0

OBS	SODIUM	STRONTIU	VANADIUM	ZINC	ALKALIN	BICARBON	CARBONAT	BROMIDE	CHLORIDE	FLUORIDE	HARDNESS	AMMONIA	KJELDNIT	NITRATE	BIOOXYDE	CHEMOXYD	OILGREAS	PHENOLS	SILICA	SOLIDSDI	SUSSOLID	SULFATE	TURBIDIT	DISORGC	TOTALCOL	FECALCOL	PH	SPECCOND	DISSOXY	TEMP
1	500	0	0	0	1200	1000	150	0	23.0	18.0	0	1.60	0.0	-0.1	0	0	8	-0.001	0	1300	3	24	0	2	0	0	0.00	0	0.00	0
2	420	0	0	0	950	850	98	0	5.9	31.0	0	2.30	0.0	-0.5	0	0	2	-0.001	0	1000	-1	-5	0	-1	0	0	0.00	0	0.00	0
3	440	0	0	0	990	710	280	0	5.9	30.0	0	1.20	0.0	-0.5	0	0	6	-0.001	0	1100	-1	32	0	2	0	0	0.00	0	0.00	0
4	830	0	0	0	1600	630	950	0	9.1	26.0	0	1.70	0.0	-0.5	0	0	28	0.160	0	1900	37	90	0	-1	0	0	0.00	0	0.00	0
5	1000	0	0	0	2000	1600	400	0	13.0	30.0	0	1.70	0.0	-0.5	0	0	21	-0.001	0	2300	41	71	0	2	0	0	8.40	3440	6.10	15
6	860	0	0	0	1700	990	710	0	11.0	36.0	0	1.10	0.0	-0.5	0	0	23	-0.001	0	2000	1500	110	0	5	0	0	0.00	0	0.00	0
7	740	0	0	0	1600	1200	420	0	8.8	28.0	0	1.60	0.0	-0.5	0	0	2	-0.001	0	1800	12	27	0	2	0	0	8.60	2600	7.40	15
8	690	0	0	0	1500	1100	380	0	8.0	28.0	0	1.60	0.0	-0.5	0	0	-1	0.003	0	1800	190	61	0	4	0	0	0.00	0	0.00	0
9	890	0	0	0	2000	1500	500	0	13.0	19.0	0	1.70	0.0	-0.5	0	0	1	-0.001	0	2100	584	6	0	2	0	0	8.70	3390	6.70	14
10	690	0	0	0	1400	620	750	0	7.0	20.0	0	1.50	0.0	-0.5	0	0	4	-0.001	0	1700	61	220	4	0	0	0	0.00	0	0.00	0
11	630	0	0	0	1400	1000	390	0	62.0	18.0	0	1.10	0.0	-0.1	0	0	1	-0.001	0	1600	-1	180	0	2	0	0	8.50	2200	6.70	15
12	670	0	0	0	1300	890	440	0	6.5	14.0	0	1.50	0.0	-0.5	0	0	7	-0.001	0	1500	2	43	0	4	0	0	0.00	0	0.00	0
13	570	0	0	0	1300	990	280	0	65.0	19.0	0	1.10	1.4	-0.1	0	0	12	-0.001	0	1400	1	64	0	4	0	0	8.31	2050	0.00	17
14	530	0	0	0	1000	240	760	0	50.0	18.0	0	1.30	0.0	4.1	0	0	4	0.001	0	1400	30	200	0	7	0	0	0.00	0	0.00	0
15	560	0	0	0	1200	860	320	0	49.0	17.0	0	1.20	0.0	-0.1	0	0	1	-0.001	0	1400	15	110	0	3	0	0	8.80	1800	6.00	10
16	540	0	0	0	1200	850	350	0	47.0	19.0	0	1.20	0.0	48.0	0	0	14	0.001	0	1400	100	49	0	2	0	0	8.70	2440	5.80	16
17	530	0	0	0	1100	600	500	0	48.0	16.0	0	1.70	0.0	6.3	0	0	1	-0.001	0	1300	8	110	0	12	0	0	9.12	2320	6.80	6
18	520	0	0	0	1100	940	180	0	48.0	19.0	0	1.50	0.0	6.3	-1	14	12	-0.001	0	1300	13	-5	0	5	0	0	8.13	1905	5.80	18
19	490	0	0	0	1100	740	370	0	40.0	18.0	0	0.80	0.0	-0.1	0	0	7	0.000	0	1300	-1	81	0	2	0	0	8.70	2180	0.00	6

TABLE 2.2.2.7-1
(Cont)

SHAFT WATER QUALITY ANALYSIS
WZ01=V/E WZ02=SERV WZ03=PROD

OBS	LOCATION	YEAR	MONTH	DAY	GROUT	PROBEHOLE	DEPTH	ELEVATION	PPM	ALUMINUM	ARSENIC	BARIUM	BORON	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	LITHIUM	MAGNESIU	MANGANESE	MERCURY	MOLYBDEN	NICKEL	POTASSIU	SELENIUM	SILVER
20	WZ01	80	2	13	7	C	110	5566	175	1.3	0.03	0	0.3	0	4.3	0	0	0	-0.02	-0.02	0	4.7	-0.02	0	0.01	0	9.0	0	0
21	WZ01	80	1	25	7	8	108	5568	20	0.2	-0.02	0	0.6	0	14.0	0	0	0	-0.02	-0.02	0	14.0	0.02	0	0.02	0	2.7	0	0
22	WZ01	80	1	12	7	2	60	5616	0	0.3	-0.02	0	0.7	0	7.2	0	0	0	-0.02	-0.02	0	7.5	-0.02	0	0.04	0	1.1	0	0
23	WZ01	79	10	29	7	6	40	5636	55	3.7	0.02	0	0.4	0	8.1	0	0	0	-0.02	-0.02	0	7.3	-0.02	0	0.04	0	1.2	0	0
24	WZ01	80	1	12	7	1	40	5635	0	0.1	-0.02	0	0.8	0	6.5	0	0	0	-0.02	-0.02	0	4.8	-0.02	0	0.08	0	1.2	0	0
25	WZ01	79	10	19	6	6	140	5655	300	0.0	0.02	0	0.8	0	0.0	0	0	0	-0.02	-0.02	0	12.0	-0.02	0	0.00	0	0.0	0	0
26	WZ01	79	10	17	5	3	125	5670	0	0.0	-0.02	0	0.8	0	0.0	0	0	0	-0.02	-0.02	0	0.0	-0.02	0	-0.02	0	0.0	0	0
27	WZ01	79	10	10	6	3	80	5715	30	0.0	-0.02	0	0.7	0	0.0	0	0	0	5.60	0.04	0	0.0	0.30	0	-0.02	0	0.0	0	0
28	WZ01	79	10	3	6	2	50	5745	30	0.0	-0.02	0	0.0	0	0.0	0	0	0	0.40	0.00	0	0.0	-0.02	0	-0.02	0	0.0	0	0
29	WZ01	79	10	3	6	3	40	5755	60	0.0	-0.02	0	0.0	0	0.0	0	0	0	-0.02	0.00	0	0.0	-0.02	0	-0.02	0	0.0	0	0
30	WZ01	79	10	3	6	6	40	5755	60	0.0	-0.02	0	0.6	0	0.0	0	0	0	-0.02	-0.02	0	0.0	-0.02	0	-0.02	0	0.0	0	0
31	WZ01	79	10	2	6	11	18	5777	0	0.0	-0.02	0	0.0	0	0.0	0	0	0	0.50	-0.02	0	0.0	-0.02	0	-0.02	0	0.0	0	0
32	WZ02	80	6	24	0	16	110	5489	10	-0.1	-0.02	0	1.5	0	7.2	0	0	0	0.07	-0.02	0	4.0	-0.02	0	-0.01	0	1.8	0	0
33	WZ02	80	6	24	0	23	110	5439	1	-0.1	-0.02	0	0.5	0	5.2	0	0	0	0.08	-0.02	0	3.4	-0.02	0	-0.01	0	1.4	0	0
34	WZ02	80	6	24	0	2	65	5534	5	-0.1	-0.02	0	0.5	0	5.4	0	0	0	0.10	-0.02	0	3.2	-0.02	0	-0.01	0	1.2	0	0
35	WZ02	80	3	24	0	1	25	5710	0	-0.1	-0.02	0	-0.1	0	5.1	0	0	0	0.10	-0.02	0	2.3	-0.02	0	0.07	0	4.5	0	0
36	WZ03	80	9	26	0		1471	5358	0	-0.1	-0.02	0	0.7	0	4.9	0	0	0	0.02	-0.02	0	2.3	-0.02	0	0.00	0	3.1	0	0
37	WZ03	80	4	21	0	6	120	5540	100	-0.1	-0.02	0	0.5	0	7.3	0	0	0	0.02	-0.02	0	61.0	-0.02	0	-0.01	0	1.0	0	0
38	WZ03	80	4	21	0	3	30	5630	4	-0.1	-0.02	0	0.4	0	11.0	0	0	0	-0.02	-0.02	0	4.3	-0.02	0	-0.01	0	2.1	0	0

OBS	SODIUM	SIRONIU	VANADIUM	ZINC	ALKALIN	BICARBON	CARBONAT	BROMIDE	CHLORIDE	FLUORIDE	HARDNESS	AMMONIA	KJELDNIT	NITRATE	BIOOXYDE	CHEMOXYD	OILGREAS	PHENOLS	SILICA	SOLIDSDI	SUSSOLID	SULFATE	TURBIDIT	DISSORGC	TOTALCOL	FECALCOL	PH	SPECCOND	DISSOXY	TEMP
20	470	0	0	0	980	620	360	0	20.0	16.0	0	1.70	1.8	-0.1	0	0	4	-0.001	0	1300	57	110	0	8	0	0	0.0	0	0.00	0
21	530	0	0	0	110	950	130	0	12.0	15.0	0	1.00	0.0	-0.1	0	0	17	-0.001	0	1400	12	77	0	0	0	0	0.0	0	0.00	0
22	520	0	0	0	1100	1000	76	0	7.2	19.0	0	0.50	0.0	-0.1	0	0	5	-0.001	0	1300	-1	8	0	0	0	0	0.0	0	0.00	0
23	530	0	0	0	1100	1000	100	0	11.0	19.0	0	1.00	0.0	-0.1	0	0	2	-0.001	0	1200	61	480	0	0	0	0	0.0	0	0.00	0
24	510	0	0	0	1100	970	130	0	22.0	20.0	0	0.40	0.0	-0.1	0	0	2	-0.001	0	1300	8	24	0	0	0	0	0.0	0	0.00	0
25	0	0	0	0	0	0	0	0	0.0	15.0	0	0.00	0.0	0.0	0	0	11	0.003	0	1300	170	0	0	0	0	0	0.0	0	0.00	0
26	0	0	0	0	0	0	0	0	0.0	15.0	0	0.00	1.2	0.0	0	0	2	0.010	0	1300	680	0	0	0	0	0	0.0	0	0.00	0
27	0	0	0	0	0	0	0	0	0.0	1.7	0	0.00	1.4	0.0	0	0	2	-0.001	0	1300	770	0	0	0	0	0	0.0	0	0.00	0
28	0	0	0	0	0	0	0	0	0.0	0.7	0	1.20	2.2	0.0	0	0	10	0.001	0	1300	41	0	0	0	0	0	0.0	0	0.00	0
29	0	0	0	0	0	0	0	0	0.0	16.0	0	1.40	2.1	0.0	0	0	4	0.010	0	1200	70	0	0	0	0	0	0.0	0	0.00	0
30	0	0	0	0	0	0	0	0	0.0	12.0	0	0.00	2.2	0.0	0	0	2	-0.001	0	1100	120	0	0	0	0	0	0.0	0	0.00	0
31	0	0	0	0	0	0	0	0	0.0	17.0	0	0.00	1.1	0.0	0	0	7	-0.001	0	1300	17	0	0	0	0	0	0.0	0	0.00	0
32	740	0	0	0	1600	1500	72	0	7.0	25.0	0	1.70	0.0	-0.5	0	0	11	-0.001	0	1700	-1	-5	0	280	0	0	0.0	0	0.00	0
33	560	0	0	0	1200	1100	130	0	6.4	25.0	0	0.80	0.0	-0.5	0	0	5	0.001	0	1300	6	-5	0	150	0	0	0.0	0	0.00	0
34	460	0	0	0	930	850	76	0	5.0	23.0	0	1.00	0.0	-0.5	0	0	8	-0.001	0	1000	-1	-5	0	160	0	0	0.0	0	0.00	0
35	1900	0	0	0	4400	3300	1100	0	30.0	25.0	0	1.30	0.0	74.0	0	0	2	0.008	0	4700	130	-5	0	3	0	0	8.1	6310	3.02	10
36	350	0	0	0	750	630	120	0	3.4	33.0	0	0.80	0.0	-0.5	0	0	14	-0.001	0	850	1000	-5	0	-1	0	0	0.0	0	0.00	0
37	360	0	0	0	820	730	90	0	42.0	21.0	0	1.00	0.0	5.1	0	0	7	-0.001	0	900	9	20	0	3	0	0	0.0	0	0.00	0
38	300	0	0	0	680	500	180	0	59.0	20.0	0	0.90	0.0	14.0	0	0	6	-0.001	0	750	13	9	0	3	0	0	0.0	0	0.00	0

TABLE 2.2.2.7-1
(Cont)

SHAFT WATER QUALITY ANALYSIS
WZ01=V/E WZ02=SERV WZ03=PROD

OBS	LOCATION	YEAR	MONTH	DAY	GROUP	PROBEHOL	DEPTH	ELEVATION	GPM	ALUMINUM	ARSENIC	BARIUM	BORON	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	LITHIUM	MAGNESIUM	MANGANES	MERCURY	MOLYBDEN	NICKEL
39	WZ03	80	1	12	0	5	150	5803	0	-0.1	-0.02	0	0.2	0	6.4	0	0	0	-0.02	-0.02	0	3.3	-0.02	0	-0.02	0
40	WZ03	80	1	12	0	5	20	5933	0	-0.1	-0.02	0	0.4	0	6.5	0	0	0	-0.02	-0.02	0	3.5	-0.02	0	-0.02	0

OBS	POTASSIU	SELENIUM	SILVER	SODIUM	STRONTIU	VANADIUM	ZINC	ALKALINI	BICARBON	CARBONAT	BROMIDE	CHLORIDE	FLUORIDE	HARDNESS	AMMONIA	KJELDNIT	NITRATE	BIOOXYDE	CHEMOXYD	OILGREAS	PHENOLS	SILICA	SOLIDSDI	SUSSOLID	SULFATE	TURBIDIT	DISSORGC	TOTALCOL	FECALCOL	PH	SPECCOND	DISSOXY	TEMP
39	0.4	0	0	230	0	0	0	460	380	80	0	18	11	0	0.05	0	-0.1	0	0	5	-0.001	0	560	100	18	0	0	0	0	0	0	0	0
40	0.4	0	0	250	0	0	0	490	410	84	0	17	12	0	1.20	0	-0.1	0	0	2	-0.001	0	580	18	18	0	0	0	0	0	0	0	0

2.2.2.8 Shale Dumps

Shaft sinking commenced in 1979. No significant amount of shale was brought to the surface during this reporting period as a result of shaft sinking activity.

Water quality data for 2 seepage monitoring wells (WW12 and WW13) are presented in Table 2.2.3-1, Section 2.2.3 (Supplemental Water Data).

Leachate analyses of raw oil shale was conducted by EPA of four oil shale tracts; the results of the analysis is presented in Table 2.2.2.8-1.

TABLE 2.2.2.8-1

SUMMARY OF RESULTS AS OF OCTOBER 21, 1979 - EPA GRANT NO. R806278-01-1

LEACHING CHARACTERISTICS OF RAW SURFACE STORED OIL SHALE

		COLONY SOIL		C-b SOIL		COLONY RAW SHALE		COLONY WEATHERED		HORSE DRAW SALINE		UNION NAT. RETORTED		C-a COMPOSITE		C-a R-5 & Maho.	
	Units	Initial	~3 PV	Initial	~3 PV	Initial	~3 PV	Initial	~3 PV	Initial	~3 PV	Initial	~3 PV	Initial	~3 PV	Initial	~3 PV
Al	mg/l	<0.05	0.07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	1.85	0.80	<0.05	<0.05	<0.05	<0.05	0.70	0.30
As	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B	mg/l	0.70	0.53	0.65	0.87	0.75	0.43	0.365	0.170	29.5	0.95	0.370	0.210	1.45	0.40	0.59	<0.025
Ba	mg/l	0.40	0.12	0.169	0.038	0.34	0.16	0.495	0.088	0.17	0.10	0.120	0.037	0.093	0.051	0.11	0.088
Be	mg/l	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Ca	mg/l	960.0	200.0	330.0	6.5	1110.0	200.0	500.0	25.0	520.0	220.0	45.0	13.0	425.0	100.0	1430.0	900.0
Cl	mg/l	200.0	1.4	0.0	0.0	22.0	3.0	71.0	1.5	430.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
CO_3	mg/l	0.17	1.04	0.0	0.0	0.18	1.2	0.12	0.63	0.10	0.15	0.0	0.0	0.0	0.0	0.0	0.0
Cr	mg/l	<0.025	<0.025	0.069	<0.025	<0.025	<0.025	<0.025	<0.025	0.55	<0.025	0.100	0.031	<0.025	<0.025	<0.025	<0.025
Cu	mg/l	0.33	0.075	0.28	<0.025	0.16	<0.025	0.31	0.05	0.22	<0.025	0.160	<0.025	0.060	<0.025	0.16	<0.025
EC	µmhos/cm @25°C	9000.0	2000.0	3300.0	750.0	527.0	106.0	537.0	48.0	11000.0	1100.0	1100.0	385.0	6500.0	750.0	15,000.0	2750.0
F	mg/l	10.0	1.4	0.0	0.0	7.2	5.0	5.2	8.7	75.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0
Fe	mg/l	0.01	0.18	0.0	0.0	<0.03	<0.03	<0.03	<0.07	0.75	0.01	0.0	0.0	0.0	0.0	0.0	0.0
HCO_3	mg/l	233.0	192.0	0.0	0.0	304.0	250.0	233.0	189.0	243.0	122.0	0.0	0.0	0.0	0.0	0.0	0.0
Hg	mg/l	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
K	mg/l	270.0	50.0	22.0	1.3	19.0	2.3	57.0	0.8	19.0	2.0	55.0	11.0	34.0	2.0	280.0	50.0
Li	mg/l	0.47	0.09	0.0	0.0	0.085	0.10	0.012	<0.004	2.4	0.11	0.0	0.0	0.0	0.0	0.0	0.0
Mg	mg/l	1450.0	140.0	145.0	2.6	72.0	18.0	365.0	17.0	1050.0	12.2	103.0	60.0	415.0	48.0	0.0	0.0
Mn	mg/l	0.10	0.38	0.075	<0.025	0.240	0.820	0.07	0.068	2.9	0.23	0.05	<0.05	0.240	0.062	0.35	<0.05
Mo	mg/l	0.84	0.18	0.125	<0.05	0.07	0.18	0.74	0.11	0.44	0.09	0.32	0.125	2.20	0.475	6.20	0.225
Na	mg/l	340.0	6.2	2050.0	210.0	100.0	15.0	350.0	33.0	1430.0	65.0	44.0	16.0	740.0	33.0	3600.0	310.0
Ni	mg/l	0.060	0.040	0.075	<0.05	0.087	<0.05	0.06	<0.05	0.48	0.04	<0.05	<0.05	0.090	<0.05	0.085	<0.05
NO_3	mg/l	1800.0	<0.2	0.0	0.0	25.0	<2.5	245.0	0.8	<25.0	<6.25	0.0	0.0	0.0	0.0	0.0	0.0
Pb	mg/l	0.27	0.20	0.31	0.070	0.17	0.095	0.22	0.13	0.57	0.080	0.10	0.105	0.204	0.075	0.150	<0.05
pH	----	7.1	8.0	8.3	8.8	7.8	7.9	8.1	8.3	6.8	7.3	8.6	8.3	8.2	8.3	11.4	12.0
Se	mg/l	<0.01	<0.01	<0.0005	<0.0005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Si	mg/l	7.3	8.0	11.0	11.7	7.61	4.54	14.7	6.78	7.5	3.4	11.0	12.0	10.0	10.9	5.94	1.65
Sn	mg/l	1.37	0.25	0.0	0.0	0.24	0.17	0.67	0.047	1.1	0.38	0.0	0.0	0.0	0.0	0.0	0.0
SO_4	mg/l	4200.0	1000.0	0.0	0.0	4250.0	400.0	2650.0	33.0	5600.0	425.0	0.0	0.0	0.0	0.0	0.0	0.0
TDS	mg/l	19,800.0	1850.0	0.0	0.0	6000.0	770.0	4760.0	220.0	12,600.0	1300.0	0.0	0.0	0.0	0.0	0.0	0.0
TOC	mg/l	512.0	44.0	0.0	0.0	0.0	0.0	0.0	0.0	228.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0
Zn	mg/l	0.65	0.02	0.0	0.0	0.62	0.06	0.11	0.24	5.2	0.39	0.0	0.0	0.0	0.0	0.0	0.0

Colony Soil- - - - - - - - Approximately 500 yards north of mine portal

C-b Soil - - - - - - - - - Cottonwood Gulch SE of plant

Colony Raw Shale - - - - - mine stock pile below surface

Colony Weathered - - - - - 400 yards SW of mine portal, talus slope material

Horse Draw - - - - - - - - Saline zone

Union Naturally Retorted - 90 yards SW of mine portal

C-a Composite- - - - - - - Composite of raised bore cuttings from the G-level in the R-5 zone to surface. Includes some overburden that is not shale

C-a R-5 & Mahogany - - - - Composite of materials from the R-5 and Mahogany zones

Note: All data in this table were obtained by leaching columns 106 cm in length under saturated conditions with de-ionized water. All concentration data in milligrams per liter.

2.2.2.9 Sediments

Stream bed sediments were sampled on July 31, 1979, prior to discharge down No Name Gulch. Analysis results are presented in this section for station WU42 (No Name Gulch). Location of this station is shown on Figure 2.2-1.

CDM

environmental engineers, scientists, planners, & management consultants

CAMP DRESSER & McKEE INC

11455 West 48th Avenue
Wheat Ridge, Colorado 80033
303 422-0469

June 6, 1980

SAMPLE-JULY 31, 1979

H.S. Skogan
Occidental Oil Shale, Inc.
P.O. Box 2687
Grand Junction, CO 81502

RE: 311-10183-1

REPORT OF ANALYSIS

SAMPLE: Piceance Creek and No Name Gulch onCB-Tract

LOCATION NUMBER: WU42

1. Particle Size Analysis

Percent Passing (mm seive and hydrometer)

1 mm	100
0.5	88
0.25	78
0.1	39
0.05	18
0.002	2

2. Percent

Organic Material	2.8
Fe_2O_3	1.5
Silicon	32.4
Aluminum	9.8
Calcium	2.7
Magnesium	0.86
Sodium	3.9
Potassium	1.7
Iron	3.7
Titanium	0.31

3. Parts per Million

Arsenic	6.3
Barium	240
Boron	22
Cadmium	0.1
Chloride	45
Chromium	1.9
Cobalt	6
Copper	9
Fluoride	330

H.S. Skogan
Page 2
June 6, 1980

RE: 311-10183-1

3. Parts per Million (continued)

Lead	34
Manganese	960
Mercury	<0.1
Molybdenum	0.9
Nickel	22
Phosphorus	930
Selenium	<0.1
Sulfur	73
Vanadium	14

David A. LeMaster
Water Laboratory Supervisor

DAL/rjf

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2.2.3 Supplemental Water Data

Water Quality data for two seepage monitering wells (WW12 and WW13), two deep wells which are located near V/E Shaft and Production/Service Shafts, and sample of WG10 taken during recompletion are presented in Table 2.2.3-1.

Monitoring of flow data for two creeks, Willow Creek and Hunter Creek, began September 18,1980. Tables 2.2.3-2 and 2.2.3-3 present daily discharge of these stations.

Water levels for deep wells sampled weekly are presented in Table 2.2.3-4. These samples were requested by the Oil Shale Supervisor.

Water levels for Composite Wells required by the Water Augmentation Plan (WAP) are presented in Table 2.2.3-5.

TABLE 2.2.3-1

CB-TRACT
WATER QUALITY PARAMETERS
MISCELLANOUS SAMPLES

WELL	YR	MO	DY	TOTAL ALK (MG/L CACO3)	AL (MG/L)	AMMONIA AS N (MG/L)	AS (MG/L)	BA (MG/L)	HCO3 (MG/L)	CO3 (MG/L)	BOD (MG/L)	B (MG/L)	BR (MG/L)	NA (MG/L)	MG (MG/L)	CA (MG/L)
WG10	80	1	15	410.0	-.100	.500	.020	-.50	410.0	-1.0	-1.0	.10	-.100	190.0	49.0	46.0
WW12	80	1	24	90.0	-.100	11.000	-.020	-.50	66.0	22.0	1.0	-.10	-.100	120.0	13.0	14.0
		2	21	90.0	-.100	6.100	-.020	.50	-1.0	60.0	2.0	-.10	.400	120.0	14.0	15.0
		3	19	90.0		14.000			-1.0	70.0	17.0		-.100			
		4	25	110.0	-.100	13.000	-.020	-.50	18.0	92.0	18.0	-.10		130.0	21.0	29.0
		5	15	98.0	-.100	13.000	-.020	-.50	-1.0	64.0	25.0	-.10	-.100	120.0	13.0	13.0
		6	27	100.0	.200	13.000	-.020	-.50	-1.0	60.0	24.0	.10	-.100	130.0	11.0	15.0
		7	25	110.0	-.100	9.400	-.020	-.50	-1.0	98.0	21.0	-.10	-.100	120.0	14.0	16.0
		8	19	110.0	-.100	8.900	-.020	-.50	96.0	16.0	15.0	.10	-.100	120.0	14.0	12.0
		9	25	110.0	-.100	9.500	-.020	-.50	-1.0	100.0	39.0	.20	-.100	130.0	14.0	14.0
		10	22	110.0	-.100	13.000	-.020	-.50	-1.0	100.0	1.0	.10	-.100	120.0	18.0	11.0
WW13	80	1	23	380.0	.100	.200	-.020	-.50	380.0	-1.0	31.0	.20	-.100	180.0	66.0	48.0
		2	19	380.0	-.100	.300	.020	.50	380.0	-1.0	1.0	.10	-.100	180.0	67.0	60.0
		3	11	400.0		2.900			320.0	80.0	25.0			180.0	70.0	52.0
			26	430.0		1.300			350.0	80.0	22.0			180.0	73.0	72.0
		4	25	430.0	-.100	.500	.020	-.50	430.0	-1.0	78.0	.10		190.0	72.0	85.0
		5	15	390.0	-.100	.300	.020	-.50	370.0	20.0	20.0	-.10	-.100	180.0	70.0	59.0
		6	27	420.0	-.100	.200	-.020	-.50	420.0	-1.0	1.0	-.10	-.100	180.0	64.0	5.7
		7	25	400.0	-.100	.300	-.020	-.50	400.0	-1.0	35.0	-.10	-.100	180.0	69.0	67.0
		8	19	420.0		.030			420.0	-1.0	6.0			180.0	70.0	65.0
		9	25	430.0		.060			430.0	-1.0	19.0			190.0	67.0	75.0
		10	22	420.0	-.100	.500	-.020	-.50	420.0	-1.0	14.0	.20	-.100	190.0	78.0	66.0
WX32	80	2	12	1200.0	-.100	1.500	-.020	1.00	1100.0	100.0	57.0	.10	-.100	540.0	5.6	5.7
WX33	80	2	12	1100.0	-.100	1.300	-.200	.80	1000.0	100.0	39.0	.20	-.100	460.0	6.4	5.9

NOTE: - INDICATES LESS THAN

TABLE 2.2.3-1
(cont)

CB-TRACT
WATER QUALITY PARAMETERS
MISCELLANOUS SAMPLES

WELL	YR	MO	DY	FECAL COLIF. COLONY /100ML	TOTAL COLIF. 100ML	N KJELD. (MG/L)	HARDNESS (MG/L CACO3)	TOTAL ALPHA PCI/L	TOTAL BETA PCI/L	RADIUM 226 PCI/L	HG (MG/L)	SE (MG/L)	AG (MG/L)	ZN (MG/L)	F (MG/L)	NI (MG/L)	CR (MG/L)
WG10	80	1	15			.9	320.0						-.010	.020	.60	.030	-.020
WW12	80	1	24			12.0	88.0				-.00100	-.002	-.010	-.020	.90	-.020	-.020
		2	21			14.0	95.0						-.010	.010	1.00	.070	.010
		3	19			14.0									.80		
		4	25			16.0	160.0							-.010	.70	-.020	-.020
		5	15			15.0	86.0							-.010	.60	-.020	-.020
		6	27			14.0	83.0							.020	1.30	-.020	-.020
		7	25			12.0	75.0							-.020	.40	-.020	-.020
		8	19			13.0	88.0							-.020	1.30	-.020	-.020
		9	25			12.0	93.0							-.020	1.10	.020	-.020
		10	22			13.0	150.0							-.020	.90	-.020	-.020
		11	18														
WW13	80	1	23			1.6	390.0				-.00100	-.002	-.010	.060	.10	.020	-.020
		2	19			45.0	430.0						-.010	.060	.20	.080	.020
		3	11			2.9										.020	
			26			1.4										.020	
		4	25			.7								.040	.20	-.020	-.020
		5	15			.4	440.0							.020	-.10	-.020	-.020
		6	27			.3	280.0							.020	.50	-.020	-.020
		7	25			.6	450.0							.020	.10	-.020	-.020
		8	19			.1	450.0									-.020	
		9	25			.3	460.0									.020	
		10	22			.6	850.0							-.020	.20	-.020	-.020
		11	18														.000
WX32	80	2	12		-1.0	.1	37.0						-.010	-.010	21.00	.040	-.010
WX33	80	2	12		-1.0	.6	41.0						-.010	.200	18.00	.040	-.010

NOTE: - INDICATES LESS THAN

TABLE 2.2.3-1
(Cont)

CB-TRACT
WATER QUALITY PARAMETERS
MISCELLANOUS SAMPLES

WELL	YR	MO	DY	MO (MG/L)	TOTAL DISS SOLIDS (MG/L)	OIL AND GREASE (MG/L)	COD (MG/L)	PHEN (MG/L)	K (MG/L)	CD (MG/L)	CU (MG/L)	SR (MG/L)	SO4 (MG/L)	PB (MG/L)	LI (MG/L)	MN (MG/L)	CL (MG/L)	FE (MG/L)
WG10	80	1	15	.050	970.0	8.0	1.0	.0130	1.1		-.020	11.0	460.0	-.020	.05	.050	30.0	1.20
WW12	80	1	24	.020	500.0	12.0	31.0	[illegible]	2.3		-.020	1.6	320.0	-.020	-.05	-.020	22.0	-.02
		2	21	.020	520.0	-1.0	33.0	.0090	3.5		.020	1.0	380.0	-.020	-.05	.010	24.0	-.02
		3	19		530.0	5.0	19.0	-.0010					290.0				52.0	
		4	25	.010	550.0	11.0	39.0	.1200	4.2		.020	1.1	280.0	-.020	-.05	-.020	56.0	.02
		5	15	.020	520.0	16.0	32.0	.0150	4.4		-.020	.6	270.0	.020	-.05	.020	60.0	.02
		6	27	.010	560.0	4.0	40.0	.0200	6.8		.040	.8	270.0	-.020	-.05	-.020	16.0	.20
		7	25	.010	530.0	5.0	40.0	.0200	2.8		-.020	1.4	200.0	-.020	-.05	-.020	14.0	-.02
		8	19	.010	490.0	6.0	32.0	.0200	3.6		-.020	1.9	270.0	-.020	-.05	.030	13.0	-.02
		9	25	-.010	530.0	9.0	35.0	.0100	4.9		-.020	1.8	210.0	-.020	-.05	.020	15.0	-.02
		10	22	.020	440.0	8.0	31.0	.0080	4.3		-.020	.5	260.0	-.020	-.05	-.020	15.0	.03
WW13	80	1	23	.070	1000.0	3.0	2.0	.0200	2.1		-.020	6.6	500.0	-.020	-.05	.040	16.0	.02
		2	19	.060	1000.0	-1.0	11.0	.0100	3.2		-.010	3.8	480.0	-.020	-.05	.070	20.0	.06
		3	11	.040	1000.0	3.0	54.0	-.0010	2.4				380.0				22.0	
			26	.060	1000.0	2.0	2.0	-.0010	1.9				420.0				37.0	
		4	25	.030	1000.0	1.0	3.0	.0100	3.2		-.020	4.9	420.0	.020	-.05	.100	47.0	-.02
		5	15	.040	1000.0	14.0	-1.0	.0300	3.6		-.020	2.8	400.0	.020	-.05	.080	81.0	.02
		6	27	.040	1000.0	10.0	24.0	.0300	4.2		-.020	3.9	350.0	-.020	.05	.060	9.5	.08
		7	25	.030	1000.0	1.0	16.0	.0040	1.7		-.020	5.7	320.0	-.020	.05	.100	9.0	-.02
		8	19	.040	1000.0	4.0	14.0	.0070	2.2				410.0				6.8	
		9	25	.060	1000.0	1.0	8.0	.0030	3.9				400.0				9.9	
		10	22	.100	980.0	-1.0	-1.0	-.0010	3.2		.020	2.4	500.0	-.020	.06	.200	10.0	.60
WX32	80	2	12	-.010	1400.0	2.0		-.0010	3.8		-.010	2.8	5.0	-.020	-.05	-.020	26.0	.02
WX33	80	2	12	-.010	1300.0	2.0	3.0	-.0010	3.2		-.010	2.9	11.0	-.020	-.05	-.020	20.0	-.02

NOTE: - INDICATES LESS THAN

TABLE 2.2.3-1
(Cont)

CB-TRACT
WATER QUALITY PARAMETERS
MISCELLANOUS SAMPLES

WELL	YR	MO	DY	DO (MG/L)	COD (MG/L)	NO3 (MG/L)	PH	SPEC. COND. (MG/L)	TEMP	SILICA (MG/L)	SUSSPENDED SOLIDS (MG/L)
WG10	80	1	15		1.0	7.20					
WW12	80	1	24		31.0	50.00					
		2	21		33.0	27.00					
		3	19	8.0	19.0	-.10	9.2	940.0	10.0		
		4	25	4.0	39.0	-.10	9.1	700.0	13.5		
		5	15		32.0	-.10	.0				
		6	27	4.9	40.0	-.50	9.3	760.0	21.5		
		7	25	6.2	40.0	-.50	9.0	760.0	19.0		
		8	19	9.5	32.0	-.50	9.1	760.0	17.0		
		9	25	6.1	35.0	-.50	8.9	870.0	15.0		18.0
		10	22	5.5	31.0	-.50	8.6	860.0	12.0		
				5.5		.00	8.6	860.0	12.0		
		11	18	5.7		.00	9.3	810.0	10.5		
WW13	80	1	23		2.0	28.00					
		2	19		11.0	89.00					
		3	11		54.0	34.00				21.0	
			26	6.7	2.0	36.00	7.6	1380.0	11.0	24.0	
		4	25	4.7	3.0	3.90	7.3	1200.0	15.0		
		5	15	4.8	-1.0	-.10	8.3	1590.0	12.0		
		6	27	4.5	24.0	-.50	7.4	1400.0	24.2		
		7	25	7.2	16.0	-.50	7.5	1290.0	20.0	25.0	
		8	19	8.8	14.0	-.50	7.3	1280.0	17.0	24.0	
		9	25	4.4	8.0	-.50	7.1	1440.0	18.0	17.0	1366.0
		10	22	4.8	-1.0	1.90	7.8	1410.0	15.0		
		11	18	5.4		.00	7.0	1480.0	16.0		
WX32	80	2	12			-.10					
WX33	80	2	12		3.0	-.10					

NOTE: - INDICATES LESS THAN

TABLE 2.2.3-3

Discharge In Cubic Feet Per Second — Hunter Creek - Occidental Station — Water Year October _____ to September 1980

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2												2.9
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												3.0
17												
18												2.8
19												2.8
20												2.9
21												2.9
22												2.9
23												2.9
24												2.9
25												2.9
26												2.9
27												2.9
28												2.9
29												2.9
30												2.9
31												
Total Ac-ft												

I-468

I-466

COLORADO PRINTING CO., GRAND JUNCTION, COLO.

Gaging station operation began September 18, 1980.
Readings of September 2 and 16 are from visits to the station.

TABLE 2.2.3-3
(Cont)

scharge In Cubic Feet Per Second — Hunter Creek - Occidental Station — Water Year October 1980 to September 1981

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2.9	2.6	2.5									
2	2.9	2.6	2.5									
3	2.9	2.6	2.5									
4	2.9	2.6	2.4									
5	2.9	2.6	2.5									
6	2.9	2.6	2.4									
7	2.9	2.6	2.4									
8	2.8	2.6	2.3									
9	2.9	2.6	2.3									
10	2.9	2.6	2.2									
11	2.9	2.6										
12	2.9	2.6										
13	2.9	2.8										
14	2.9	2.8										
15	3.0	2.8										
16	2.9	2.6										
17	2.9	2.6										
18	2.8	2.6										
19	2.8	2.6										
20	2.8	2.6										
21	2.8	2.6										
22	2.8	2.6										
23	2.6	2.6										
24	2.6	2.6										
25	2.6	2.6										
26	2.6	2.6										
27	2.6	2.6										
28	2.6	2.5										
29	2.6	2.5										
30	2.6	2.5										
31	2.6											
otal	86.7	77.9										
c-ft	172.0	154.5										

LORADO PRINTING CO GRAND JUNCTION COLO

TABLE 2.2.3-4

CB-TRACT
WATER LEVELS IN WELLS SAMPLED WEEKLY
FOR SAMPLE DATE SHOWN

YR	MO	DY	WELL ID - M P ELEV (FT) WX20 6358 DEPTH (FT)	WX32 6830 DEPTH (FT)	WX33 6707 DEPTH (FT)	WY01 6763 DEPTH (FT)
80	1	9	6336			
		11				6397
		22	6330			
		23				6390
		30	6332			
		31				6395
	2	20	6329			
		26	6328			
		29				6387
	3	5	6320			
		7				6383
		13	6311			6385
		19	6307			
		21				6381
		25				6379
		28	6308			
	4	3				6379
		10				6370
		22	6299			
		23				6363
	5	1				6362
		7		6293	6208	
		8		6294	6195	
		9				6361
		12		6292	6211	
		13		6290	6211	
		15		6283	6194	
		16		6285	6217	
		19	6297	6279	6212	
		21		6279		6350
		23		6264		
		27				6347
	6	13		6257	6199	
		16		6251	6193	

PLUGGD= WELL PLUGGED
DRY = WELL DRY
FLWING= WELL FLOWING
INACCS= WELL INACCESSIBLE
NS = WELL NOT SAMPLED

TABLE 2.2.3-4
(Cont)

CB-TRACT
WATER LEVELS IN WELLS SAMPLED WEEKLY
FOR SAMPLE DATE SHOWN

			WELL ID - M P ELEV (FT)			
			WX20	WX32	WX33	WY01
			6358	6830	6707	6763
YR	MO	DY	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)
80	6	17		6251	6189	
		19		6247	6182	
		20		6246	6183	6342
		23		6243	6188	
		24		6239	6189	
		26		6238		
	7	7		6227		
		8			6187	
		15		6224	6182	
		18				6335
		22		6221	6174	
		25				6333
		30		6217		
		31	6286			
	8	1				6328
		4		6221		
		5				6327
		12		6216	6190	
		13				6315
		14		6213		
		15			6191	
		18		6206		
		19			6184	
		22		6200		6304
		25	6260			
		28		6194	6196	6299
	9	2		6191	6195	6292
		9				6291
		12		6186	6190	
		17				6288
		18		6184	6189	
		25		6178	6185	
		26				6278
	10	1				6283

PLUGGD= WELL PLUGGED
DRY = WELL DRY
FLWING= WELL FLOWING
INACCS= WELL INACCESSIBLE
NS = WELL NOT SAMPLED

TABLE 2.2.3-4
(Cont)

CB-TRACT
WATER LEVELS IN WELLS SAMPLED WEEKLY
FOR SAMPLE DATE SHOWN

			WELL ID - M P ELEV (FT)			
			WX20	WX32	WX33	WY01
			6358	6830	6707	6763
YR	MO	DY	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)
80	10	3	6251	6142	6186	
		6			6186	
		8			6170	
		9				6276
		10		6125		
		13		6124		
		14				6220
		20			6173	
		22		6098		
		31		6095	6173	
	11	7		6087	6171	
		12	6233		6166	
		20		6071		
		26		6069		

PLUGGD= WELL PLUGGED
DRY = WELL DRY
FLWING= WELL FLOWING
INACCS= WELL INACCESSIBLE
NS = WELL NOT SAMPLED

TABLE 2.2.3-5

CB-TRACT
WATER LEVELS IN COMPOSITE WELLS
REQUIRED BY WATER AUGMENTATION PLAN
FOR SAMPLE DATE SHOWN

		WELL ID - MEASURING POINT ELEVATION (FT)				
		WV01	WV02	WV03	WV04	WV05
		6411	6490	6729	0	7420
YR	MO	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)
80	1	6334	FLWING	FLWING	FLWING	7353
	2	6334	FLWING	FLWING	FLWING	7352
	3	6334	FLWING	FLWING	FLWING	INACCS
	4	6333	FLWING	FLWING	FLWING	7353
	5	6334	FLWING	FLWING	FLWING	7358
	6	6334	FLWING	FLWING	FLWING	7357
	7	6334	FLWING	FLWING	FLWING	7356
	8	6334	FLWING	FLWING	FLWING	7355
	9	6334	FLWING	FLWING	FLWING	7355
	10	6334	FLWING	FLWING	FLWING	7355
	11	6334	FLWNG	FLWNG	FLWNG	7355

PLUGGD = WELL PLUGGED
DRY = WELL DRY
FLWING = WELL FLOWING
INACCS = WELL INACCESSABLE